

1. BOSC 2017 Nominations

Self Nomination:

Yes

Nominator Information

First Name

Last Name

Nominator Title

Street Address

City

State

Postal Code

Email Address

Phone Number

Mobile Phone

Nominee Information

First Name

Shawn

Last Name

Gibbs

Nominee Title

Executive Associate Dean and Professor

Street Address

1025 E. 7th St

City

Bloomington

State

IN

Postal Code

47405

Email Address

gibbss@indiana.edu

Phone Number

812-855-1090

Mobile Phone

Employment Information

Place of Employment/Work:

Indiana University

Work Street Address

1025 E. 7th St

Work City

Bloomington

Work State:

IN

Work Postal Code

47405

Work Phone Number

812-855-1090

Work Email Address

gibbss@indiana.edu

Sector

Academia

Qualifications

Primary Area(s) of Expertise

Shawn Gibbs, PhD, MBA, CIH is Executive Associate Dean and Professor with the Indiana University School of Public Health-Bloomington. Shawn has over ninety peer reviewed papers in industrial hygiene and environmental exposure assessment, focusing on environmental microbiology and disrupting transmission of highly infectious diseases. He was a 2006 U.S. Faculty Fulbright Scholar to Egypt, and has been PI of two Public Health Fulbright Junior Faculty Development Programs (Egypt and Libya). His research has help determine national policies, procedure, and best practices to treat patients with Ebola virus disease and other highly infectious diseases; including patient transportation, waste handling/disposal, patient discharge, patient remains, PPE donning and doffing, decontamination, etc. Shawn previously had leadership roles in several organizations and centers, including development of the National Ebola Training and Education Center, funded by US DHHS. Shawn is co-PI of the Biosafety and Infectious Disease Training Initiative, a NIEHS funded consortium.

Committee Preference(s)

Homeland Security Subcommittee

Statement of Interest

My current positions as the Executive Associate Dean for Academic Affairs, Interim Associate Dean for Research, and Professor in Environmental Health at the Indiana University School of Public Health—Bloomington (IU-SPH) have allowed me to expand my leadership and administrative skills and better prepared me for this.

I have significant administrative experience leading complex organizations and initiatives having served in leadership of two accredited schools of public health and several research and training initiatives and centers. This includes leading schoolwide promotion and tenure review at IU-SPH for almost 140 tenure and non-tenure track faculty. My involvement in each of these organizations has given me an ability to manage effectively both up and down within and outside the organization. I have the ability and experience that it takes to develop and then motivate others towards the larger vision for an organization. I have actively worked to further refine my leadership abilities through a year-long University of Nebraska Medical Center (UNMC) Administrative Colloquium, a year as a scholar of the Great Plains Public Health Leadership Institute (HSRA-sponsored), completion of a MBA, and as a fellow of the Academic Leadership Program of the Big Ten Academic Alliance (formerly Committee on Institutional Cooperation). Each of these have further developed my academic administration skills by learning from the leaders of premier academic and public health institutions. I apply these competencies and skillsets learned in each of these programs to my role as Executive Associate Dean and Interim Associate Dean for Research.

My first administrative appointment demonstrates some of my record of success in promoting diversity and inclusion. Previously, at University of Texas School of Public Health (UTHealth), I served as core co-director in two funded NIH P20 center grants that formed the Hispanic Health Disparities Research Center (joint Center of the UTHealth and University of Texas at El Paso). This allowed me to work within a diverse, interdisciplinary, and collaborative group at both a research intensive university and a minority serving institution towards the goal of improving research capacity in Hispanic health disparities by fostering an environment to encourage the success of Hispanic faculty and students as well as those conducting research in the field of health disparities. I have a history of success in mentoring underrepresented students and junior faculty, particularly, in developing female faculty members towards leadership positions in academia and working with Muslim faculty and students towards fulfilling their career aspirations. Most recently in 2016, I partnered with Dillard University (Historically Black Colleges and Universities) and UTHealth School of Public Health through a funded worker training program grant to encourage and develop African American and Hispanic students to enter into highly infectious disease training careers. I know and believe that diversity is a foundation to any institution's success, but even more so for a school of public health. I have always championed diversity of religion, race, ethnicity, culture, sexual orientation, and will continue to do so as throughout my career.

As part of a small group of UNMC Public Health leaders we developed the mechanisms by which the School created its mission, vision, and strategic plans, and I served as goal leader for a number of the strategic plan initiatives. In the past two years at IU-SPH, I've lead Strategic Planning while working closely with the Academic Council, Department Chairs and Faculty, which is building off the history and strengths of the IU-SPH to lay out the vision and strategy to lead the School of Public Health towards its 75th Anniversary. The strategic plan and its subsequent implementation will help define the IU-SPH at a critical time within the history of public health education. As Council on Education for Public Health (CEPH) alters what it means to be a school of public health, its strategic plan will allow it to differentiate amongst an increasingly crowded research and educational landscape.

My basic and translational research in industrial hygiene through environmental and occupational exposure assessment has earned me an international reputation and given me the opportunity to assume a number of leadership positions. I was a Fulbright Faculty Scholar to Egypt in 2006; then in 2013, I led a grant from the Institute of International Education (IIE) to train Fulbright Faculty Scholars from Libya on Public Health Curriculum Development. In 2016, I brought to Indiana University another grant from IIE to train eight Fulbright Faculty Scholars from Egypt on public health curriculum development, and have been awarded the 2017 cohort for this program as well. As Director of the Prevention/Intervention Core (2011-2015) for the UNMC Central States Center for Agricultural Safety and Health, a NIOSH funded initiative, I worked to reduce occupational injury and illness in the agricultural community.

Previously, as Director of Research for the Nebraska Biocontainment Unit (2009-2015), I coordinated research efforts across public health, medicine, nursing, and other disciplines on personal protective equipment, engineering controls, and decontamination techniques to protect healthcare workers who treat highly infectious patients. During the 2014 Ebola outbreaks, when it was one of only three such facilities in the country, I worked with the Nebraska Biocontainment and many external stakeholders (National Security Council, Department of Defense, Centers for Disease Control and Prevention, and other national healthcare and security organizations) to address the needs of the U.S. Department of State to serve Americans returning from overseas. I was responsible for leading and coordinating a multi-agency group charged with transportation, personnel preparation, protective equipment, decontamination, risk assessment, risk communication, and other risk reducing protocols for Ebola patients in Nebraska. Coordination of these types of efforts involved multiple organizations and stakeholders, and always contain a political dimension with little or no margin for error.

I have a dedication to the mission and values of public service. This is a central theme throughout my career, but was highlighted throughout the Ebola outbreak in 2014 when my team was utilized by healthcare facilities around the globe to inform their decision making with much of these efforts being done

without compensation as service to our nation and others to protect the public's health. Prior to leaving UNMC, I was one of the key architects creating the National Ebola Training and Education Center, which was funded for five years and \$12 million—I have continued my involvement within this effort while at IU-SPH. After arriving at IU-SPH, as Principal Investigator, I developed a National Institute of Environmental Health Sciences (NIEHS) training grant that was funded for \$1.3 Million dollars over three years—the Biosafety and Infectious Disease Training Initiative, is a partnership with several national organizations (Harvard, UNMC, UHealth, Dillard University) to deliver national training and encourage underrepresented minorities to enter this field. I am told by the project officer that we are likely to receive a new five year award when they make the initiative permanent based upon our existing performance.

This committee will require excellent communication skills and an ability to both relate to and empathize with a wide range of stakeholders. My progressive administrative and leadership experience spans over a decade and includes three CEPH accredited Schools of Public Health.

Thank you for considering my application,

Skills/qualifications related to committee preference(s) specified

My research area is industrial hygiene and environmental exposure assessment, focusing on environmental microbiology. This includes source evaluation, source tracking, and methods to reduce exposure. My research in environmental and occupational exposure assessment has earned me an international reputation and given me the opportunity to assume a number of leadership positions. I was named a Fulbright Faculty Scholar to Egypt in 2006. I served as the Director of Research for the Nebraska Patient Care Biocontainment Unit (2009-2015); one of only three such facilities in the country (<http://www.nebraskamed.com/BioContainment-Unit>). In this role I coordinated research efforts across the Colleges of Public Health, Medicine, and Nursing on personal protective equipment, engineering controls, and decontamination techniques to protect healthcare workers who treat highly infectious patients. During the 2014 Ebola outbreaks I worked with the Nebraska Patient Care Biocontainment Unit, Hospital, and UNMC Leadership, and many external stakeholders to address the needs of the U.S. Department of State regarding the activation of our unit to serve American Citizens returning from overseas. This included massive coordination during the subsequent patient treatment. I was one of two individuals responsible (the other person is John Lowe, the co-PI of this application) for leading and coordinating a multi-agency group charged with transporting the Ebola Patients treated in Nebraska. I helped designed the protocols and personally conducted the preparation of the transport vehicles, transport personnel, their subsequent decontamination, and risk communication throughout was of the utmost importance. In addition to the patient care mission, the unit expanded into a nationally recognized research group. Throughout the Ebola outbreak in 2014, our research was being utilized by healthcare facilities and other personnel such as Emergency Medical Services and Law Enforcement around the globe to inform their decision making as they prepared. The methods we developed for donning and doffing, and the level of personnel protective equipment used were widely adopted by the Centers for Disease Control and Prevention when they updated their protocols, serving as a national resource. I now serve as the Executive Associate Dean at Indiana University and Interim Associate Dean for Research School of Public Health-Bloomington and maintain a 10% appointment with the National Ebola Treatment and Education Center. Also, I am the PI of a Biosafety and Infectious Disease Training Initiative (BIDTI) aimed to provide practice hands-on health and safety training on Ebola virus disease (EVD) to workers who may have potential exposure to Ebola virus. BIDTI is a National Institute for Environmental Health Sciences (NIEHS) funded initiative.

Other Relevant Information

CV/Resume URL

<https://www.linkedin.com/in/shawn-gibbs-a3286413/>

2. CV/Resume

Please upload your CV/ Resume.

[1_Shawn_Gibbs_CV_2017-05.docx](#)

3.

BOSC Nomination

May 30, 2017 16:14:19 Success: Email Sent to: tracy.tom@epa.gov

4. Thank You for your Submission!

CURRICULUM VITAE

Shawn G. Gibbs, PhD, MBA, CIH
Executive Associate Dean for Academic Affairs
Interim Associate Dean for Research and Graduate Studies
Professor of Environmental Health
Indiana University

Office Address: Indiana University
School of Public Health-Bloomington
1025 E 7th St; Room #111C
Bloomington, IN 47405
Phone: (812) 855-1090
gibbss@indiana.edu

EDUCATION

2012 Master of Business Administration (Agribusiness), University of Nebraska at Lincoln, Lincoln, Nebraska
2002 Doctor of Philosophy in Environmental Science, University of Cincinnati, Cincinnati, Ohio
2000 Master of Science in Environmental Engineering, University of Cincinnati, Cincinnati, Ohio
1997 Bachelor of Science in Biology, The Ohio State University, Columbus, Ohio

Certification

2009-Current Certified Industrial Hygienist (CIH), Comprehensive Practice, American Board of Industrial Hygiene (ABIH), Certificate No. 9740 CP. (Recertified for 2015-2020)

Training

2015-2016 Fellow, Academic Leadership Program, Big Ten Academic Alliance (Formerly the Committee on Institutional Cooperation a consortium of the Big Ten universities plus the University of Chicago).
2013 Incident Command System (ICS) (IS-00100.he), Federal Emergency Management Agency, Emergency Management Institute
2013 National Incident Management System (NIMS) (IS-00700.a), Federal Emergency Management Agency, Emergency Management Institute
2011-2012 Scholar, Great Plains Public Health Leadership Institute, Great Plains Public Health Training Center
2010-2011 Administrative Colloquium, University of Nebraska Medical Center
2002-2003 Post-doctoral Fellow, Department of Obstetrics and Gynecology, School of Medicine, Wright State University

ADMINISTRATIVE APPOINTMENTS

2016-Current Interim Associate Dean for Research and Graduate Studies, School of Public Health, Indiana University-Bloomington.
2015-Current Executive Associate Dean for Academic Affairs, School of Public Health, Indiana University-Bloomington

- 2012-2015 Associate Dean for Student Affairs, College of Public Health, University of Nebraska Medical Center
- 2011-2015 Director of Prevention/Intervention Core, Central States Center for Agricultural Safety and Health at the University of Nebraska Medical Center. Funded by National Institute for Occupational Safety and Health Centers for Agricultural Disease and Injury Research, Education, and Prevention, (1U54OH010162-01)
- 2009-2015 Director of Research, Nebraska Biocontainment Unit, Nebraska Medical Center/University of Nebraska Medical Center.
- This included national coordination of research, transportation, decontamination, worker safety, logistics, etc. for the potential treatment of patients with highly infectious diseases.
 - Includes treatment of patients with Ebola Virus Disease treated at UNMC and Nebraska Medicine during 2014-2015 outbreak.
- 2010-2012 Director of Masters Programs, College of Public Health, University of Nebraska Medical Center
- 2008 Co-Director of Research Training and Education Core, Hispanic Health Disparities Research Center at the University of Texas School of Public Health and University of Texas at El Paso. Funded by NIH National Center on Minority Health and Health Disparities Establishing Exploratory NCMHD Research Center of Excellence, (1P20MD002287)
- 2005-2008 Co-Director of Dissemination Core, Hispanic Health Disparities Research Center at the University of Texas School of Public Health and University of Texas at El Paso. Funded by NIH National Center on Minority Health and Health Disparities (P20 MD000548)

ACADEMIC APPOINTMENTS

- 2015-Current Professor *with Tenure*, Department of Environmental Health, School of Public Health-Bloomington, Indiana University
- 2013-2015 Professor *with Tenure*, Department of Environmental, Agricultural & Occupational Health, College of Public Health, University of Nebraska Medical Center
- 2008-2013 Associate Professor, Department of Environmental, Agricultural & Occupational Health, College of Public Health, University of Nebraska Medical Center
- 2003- 2008 Assistant Professor, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Texas Health Science Center at Houston
- 2003- 2008 Adjunct Assistant Professor, Department of Environmental Sciences and Engineering, College of Engineering, University of Texas at El Paso
- 2002- 2003 Adjunct Instructor, University College of Math & Applied Science, University of Cincinnati
- 2001- 2003 Adjunct Instructor, Institute of Environmental Quality, Wright State University
- 2001- 2003 Adjunct Instructor, College of Biological Sciences, Wright State University
- 2000- 2003 Adjunct Faculty, Department of Biology, Cincinnati College of Mortuary Science

PROFESSIONAL EXPERIENCE

- 2000-2002 Research Associate, Department of Obstetrics and Gynecology, School of Medicine, Wright State University

1999-2000 Environmental Biologist/Toxicologist, Sobran Inc./USEPA; Cincinnati, Ohio
 1997-1999 Environmental and Biological Technician, Sobran Inc./USEPA; Cincinnati, Ohio

ACADEMIC HONORS AND AWARDS

2017 Recipient of Biomedical Research Exemplar Award, The Research Exemplar Project Washington University School of Medicine in St. Louis

2017 Recipient of American Industrial Hygiene Association's Hazard Prevention and Engineering Controls Committee's Best Paper Award for 2016. Presented at the 2017 American Industrial Hygiene Association Conference in Seattle, Washington.

2016 Certificate of Appreciation, American Society of Safety Engineers Indiana University Student Section

2016 Honored along with the NETEC (the National Ebola Training and Education Center), CDC's NCEIZD (National Center for Emerging and Zoonotic Infectious Diseases) Award for Excellence in Partnering-Domestic.

2015 Recipient of the 2015 Distinguished Service Award, The Nebraska Infection Control Network

2015 Nebraska Admiral, honored by the Governor of Nebraska as an Admiral in the Great Navy of the State of Nebraska for service to the State.

2015 Honored along with the Nebraska Biocontainment Unit in Resolution, University of Nebraska Board of Regents.

2015 Honored along with the Nebraska Biocontainment Unit in Legislative Resolution 41, 104th Legislature of Nebraska.

2014 Recipient of Michigan Industrial Hygiene Society's Best Paper Award for 2013. Presented at the 2014 American Industrial Hygiene Association Conference in San Antonio, Texas.

2014 Midlanders of the Year, Nebraska Medicine Ebola Team, Omaha World-Herald Newspaper

2014 Licensed Property Commercialization Recognition, UNeMed Corporation and University of Nebraska Medical Center

2014 Certificate of Appreciation, Texas Public Health Association

2014 2013 Letter of Appreciation, Kurdistan Region Government-Iraq, Ministry of Health, Directorate General of Health-Duhuok

2012 Excellence in Teaching Award (2011-2012 academic year), College of Public Health, University of Nebraska Medical Center

2012 Certificate of Appreciation, Texas Public Health Association

2012 New Invention Notification Recognition, UNeMed Corporation and University of Nebraska Medical Center

2011 Certificate of Appreciation, Texas Public Health Association

2011 The Chancellor's Council Silver 'U' Award, University of Nebraska Medical Center

2006-2007 ***U.S. Fulbright Faculty Scholar Award***, Bi-National Fulbright Commission in Egypt. Council for International Exchange of Scholars, Institute of International Education.

2001 John David Eye Award for Outstanding Ability as a Doctoral Candidate, University of Cincinnati

STUDENT ADVISEES' ACADEMIC HONORS AND AWARDS

- 2017 Sean A. Buehler, Recipient of Kate Hevner Mueller Outstanding Senior Awards from Indiana University.
- 2016 Katelyn C. Jelden, Recipient of American Industrial Hygiene Association's Hazard Prevention and Engineering Controls Committee's Best Paper Award for 2016. Presented at the 2017 American Industrial Hygiene Association Conference in Seattle, Washington.
- 2016 Aurora B. Le, Honorable Mention (2nd Place) Student and New Researchers Poster Competition given by The Occupational Health and Safety Section of the American Public Health Association (APHA 2016), October 29-November 2, 2016 at Denver, Colorado.
- 2016 Jocelyn J. Herstein, Best Volunteer Group Student Poster given by the Healthcare Working Group by American Industrial Hygiene Association at the American Industrial Hygiene Conference & Exposition (AIHce 2016), May 21-26, 2016 at Baltimore, Maryland.
- 2016 Katelyn C. Jelden, 2nd Best of Session by American Industrial Hygiene Association at the American Industrial Hygiene Conference & Exposition (AIHce 2016), May 21-26, 2016 at Baltimore, Maryland, Session PS450.
- 2016 Katelyn C. Jelden, H. Kenneth Dillon Memorial Award by American Industrial Hygiene Association Biosafety and Environmental Microbiology Committee at the American Industrial Hygiene Conference & Exposition (AIHce 2016), May 21-26, 2016 at Baltimore, Maryland.
- 2015 Elizabeth L. Beam, Recipient of the 2015 Distinguished Service Award, The Nebraska Infection Control Network.
- 2015 Elizabeth L. Beam, Nebraska Admiral, honored by the Governor of Nebraska as an Admiral in the Great Navy of the State of Nebraska for service to the State.
- 2015 Elizabeth L. Beam, Honored along with the Nebraska Biocontainment Unit in Resolution, University of Nebraska Board of Regents.
- 2015 Elizabeth L. Beam, Excellence in Nursing Award from Omaha Magazine in the category of Educator, Omaha Magazine.
- 2015 Elizabeth L. Beam, Honored along with the Nebraska Biocontainment Unit in Legislative Resolution 41, 104th Legislature of Nebraska.
- 2015 Elizabeth L. Beam, UNMC College of Nursing Team Award recipient for special project using iTunes to share the Nebraska Method for Ebola Virus care, UNMC College of Nursing.
- 2015 Jocelyn J. Herstein, Delta Omega Poster Award, 143rd APHA Annual Meeting, October 31-November 4, 2015 at Chicago, Awarded Student Poster Award from the Delta Omega Section of APHA.
- 2015 Jocelyn J. Herstein, Outstanding Student of Public Health Award, Public Health Association of Nebraska.
- 2015 Katelyn C. Jelden, Carruth J. Wagner, MD, Scholarship in Public Health, College of Public Health, University of Nebraska Medical Center.
- 2015 Katelyn C. Jelden, Patte L. Martin Scholarship, College of Public Health, University of Nebraska Medical Center.

- 2015 Katelyn C. Jelden, Honored along with the Nebraska Biocontainment Unit in Resolution, University of Nebraska Board of Regents.
- 2015 Katelyn C. Jelden, Honored along with the Nebraska Biocontainment Unit in Legislative Resolution 41, 104th Legislature of Nebraska.
- 2015 John J. Lowe, Recipient of the 2015 Distinguished Service Award, The Nebraska Infection Control Network.
- 2015 John J. Lowe, Nebraska Admiral, honored by the Governor of Nebraska as an Admiral in the Great Navy of the State of Nebraska for service to the State.
- 2015 John J. Lowe, Honored along with the Nebraska Biocontainment Unit in Resolution, University of Nebraska Board of Regents.
- 2015 John J. Lowe, Honored along with the Nebraska Biocontainment Unit in Legislative Resolution 41, 104th Legislature of Nebraska.
- 2014 Elizabeth L. Beam, Midlanders of the Year, Nebraska Medicine Ebola Team, Omaha World-Herald Newspaper.
- 2014 Elizabeth L. Beam, Licensed Property Commercialization Recognition, UNeMed Corporation and University of Nebraska Medical Center.
- 2014 Katelyn C. Jelden, Midlanders of the Year, Nebraska Medicine Ebola Team, Omaha World-Herald Newspaper.
- 2014 John J. Lowe, Midlanders of the Year, Nebraska Medicine Ebola Team, Omaha World-Herald Newspaper.
- 2014 John J. Lowe, Recipient of Michigan Industrial Hygiene Society's Best Paper Award for 2013. Presented at the 2014 American Industrial Hygiene Association Conference in San Antonio, Texas.
- 2013 Elizabeth L. Beam, Recognized for "new invention notification" and "Licensed Technology", UNeMed Corporation and University of Nebraska Medical Center.
- 2013 Theresa Tonozzi, University of Nebraska Medical Center College of Public Health Research Conference Award
- 2013 Theresa Tonozzi, Mutual Fund and Collaborative Projects Programs. College of Public Health, University of Nebraska Medical Center.
- 2012 Elizabeth L. Beam, New Invention Notification Recognition, UNeMed Corporation and University of Nebraska Medical Center.
- 2012 Elizabeth L. Beam, "40 under 40" Nurse Leader award given by the Nebraska Action Coalition, Nebraska Action Coalition.
- 2010 Elizabeth L. Beam, Partnership Award from United Way of the Midlands-Medical Reserve Corps Given to HEROES Project, United Way of the Midlands-Medical Reserve Corps.
- 2007-2008 Carissa (Flores) Lucero, K. Leroy Irvis Award & Scholarship, University of Pittsburgh, Pittsburgh, PA
- 2007 Linda C. Mota, Rio Grande Branch of the American Society of Microbiology Annual Meeting, El Paso, Texas, University of Texas at El Paso, Awarded Best Poster Presentation.
- 2005-2007 Carissa (Flores) Lucero, Public Health Traineeship, University of Texas School of Public Health, Houston, TX
- 2005-2007 Linda C. Mota, Training Grant: United State Environmental Protection Agency Student Support for the Center of Environmental Resource Management. Total funds approved at 50% FTE for approximately \$31,000.

2005-2006 Linda C. Mota, Evaluation of Indoor Air Bioaerosols in the El Paso, TX region. Paso del Norte Health Foundation. Hot Projects initiative. Total funds: \$3,000 for 1 year.

EXTERNAL FUNDING SUPPORT

Principal Investigator

“Institutional Fulbright Faculty Development Program for Egypt, 2017, Public Health.” PI: Shawn Gibbs. Council for International Exchange of Scholars, Institute of International Education. 2017. Total direct costs: \$116,000 (5% FTE).

“Biosafety and Infectious Disease Training Initiative.” PI: Shawn G. Gibbs, co-PI John J. Lowe. National Institute of Environmental Health Sciences. 2016-2019. Total direct costs: \$1,380,022 (20% FTE).

“Institutional Fulbright Faculty Development Program for Egypt, 2016, Public Health.” PI: Shawn Gibbs. Council for International Exchange of Scholars, Institute of International Education. 2016. Total direct costs: \$116,000 (10% FTE).

“Subaward Administrative Supplements for Ebola Biosafety and Infectious Disease Response Training from Hazardous Materials Worker Health and Safety Training (U45) Cooperative”. UNMC SubAward PI: Shawn Gibbs. U45 National Institute of Environmental Health Sciences (3U45ES019360-05S1) PI: Robert Emery. 2015. Total direct costs: \$41,485 (7% effort) and Total direct costs: \$110,000 for three months.

“UNMC and Nebraska Medicine Contract (MOU) for the Industrial Hygiene Support of the Nebraska Biocontainment Unit.” PI: Shawn Gibbs. Nebraska Medical Center. Yearly contract with NMC to provide leadership and industrial hygiene expertise to the Nebraska Biocontainment Unit. 2014-2020. Yearly Total direct Costs: \$75,000/year (5% effort yearly that escalated to 50% effort when Unit is activated). *My participation in this project ended when I left Nebraska in July 2015, but I was key to writing the project and getting it funded.*

“Vietnam Educational Foundation Student Support Award—Hoang Vu Tran.” Vietnam Educational Foundation; 2013-2015. Total direct costs: \$54,000 (1% FTE).

“Institutional Fulbright Visiting Scholar Program for Libya, 2013, Public Health.” PI: Ayman El-Mohandes then transferred to Shawn Gibbs. Council for International Exchange of Scholars, Institute of International Education. 2013. Total direct costs: \$130,000 (30% FTE).

“Green Cleaning and Disinfection of Hard Cleanable Surfaces.” Department of Veterans Affairs Nebraska-Western Iowa Health Care System. Contract with Veterans Administration. Total direct costs: \$163,200 (20% FTE). *This project was approved for funding then because of federal government sequester and a lack of available funds for all projects on January 29th, 2012 it was then de-funded.*

“Laboratory Evaluation of STERIS Vaporized Hydrogen Peroxide.” Strategic Technology Enterprises, Inc. (STERIS Corporation) Defense & Aerospace Division. Contract with Strategic Technology Enterprises, Inc.; 2012. Total direct costs: \$25,000 (5% FTE).

“Assessment and Modeling of the Potential Public Health Impact of Rural and Urban Residential Indoor Bioaerosols in Egypt.” United States Aid for International Development. U.S. - EGYPT Joint Board on Scientific and Technological Cooperation; 2008-2010. Total direct costs: \$50,000 (0% FTE).

“The Environment and Women’s Health Issues on the US-Mexico Border.” Pilot funding (#22) through the Hispanic Health Disparities Research Center, NIH National Center on Minority

Health and Health Disparities (P20 MD000548); 2007-2008. Total direct costs: \$25,000 (0% FTE).

“Assessment and Modeling of the Potential Public Health Impact of Rural and Urban Residential Indoor Bioaerosols in Egypt.” Bureau of Educational and Cultural Affairs of the US Department of State. Fulbright Scholar Program (All Disciplines Research Award #6412); 2006-2007. Total direct costs: Full-Maintenance Grant (25% FTE).

“The Evaluation of the Potential Public Health Impact of Antibiotic Effluence and Antibiotic Resistant Microorganism Released from Confined Animal Feeding Operations (CAFOs) on the U.S.-Mexico Border.” Center for Border Health Research; El Paso, Texas; 2005-2007. Total direct costs: \$74,845 (6% FTE).

“Cross-Connections in Potable Water Distribution Systems: the Fate of Microbes from Wastewater Cross-Connections.” U.S.EPA Graduate Research Traineeship (Cooperative Agreement CT 827245); 2000-2002. Total direct costs: \$100,000 (50% FTE).

Co-Investigator

“National Ebola Training and Education Center.” PI: Laura Evans, Bruce Ribner, Phil Smith. U.S. Department of Health and Human Services Office of the Assistant Secretary for Preparedness and Response and Centers for Disease Control and Prevention National Center for Emerging and Zoonotic, Infectious Diseases, (EP-U3R-15-003t). 2015-2020. Total costs: \$12,000,000 (34% FTE year 1, 10% year 2-5).

“Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities (CFDA #93.817).” PI: Phil Smith. U.S. Department of Health and Human Services Office of the Assistant Secretary for Preparedness, (EP-U3R-15-002). 2015-2020. Total costs: \$2,250,000 (35% FTE). *My participation in this project ended when I left Nebraska in July 2015, but I was key to writing the project and getting it funded.*

“Ebola Treatment Center Development.” PI: Christopher J. Kratochvil. Centers for Disease Control and Prevention, (Contract 200 2015 61472 Award of Ebola Clinical Support). 2014-2015. Total direct costs: \$800,000 (35% FTE).

“Central States Center for Agricultural Safety and Health (CS-CASH).” Director of the CS-CASH Center’s Prevention/Intervention Core. PI: Risto H Rautiainen. National Institute for Occupational Safety and Health Centers for Agricultural Disease and Injury Research, Education, and Prevention, (1U54OH010162-01). 2011-2016. Total direct costs: \$3,085,951 (10% FTE).

“Determining Viral Load and Persistence of Influenza A in Aerosols and on Surfaces in Swine Production Facilities.” PI: Peter Rabinowitz. National Pork Board’s Producer/Public Health & Workplace Safety Committee (NPB #12-073). 2012-2013. Total direct costs: \$40,500 (2% FTE).

“UNMC Occupational Health and Safety Program Services Contract.” PI Chandran Achutan. University of Nebraska Medical Center Campus Safety. Yearly contract with UNMC to provide industrial hygiene expertise to the University and Hospital. 2011-2015. Yearly Total direct Costs: \$59,696/year (10% effort).

“Optimization of ventilation requirements and air disinfection technology for minimizing airborne infection risk and sick-leave in schools.” Peter Kiewit Institute (PKI) Internal Research Grants. 2011-2012. Total costs: \$22,000 (1% FTE).

“The performance of air disinfection technology for minimizing biological contaminants, airborne infection risk and sick-leave in offices with and without LEED certification.” The

Charles W. Durham School of Architectural Engineering & Construction Seed Funds at the University of Nebraska-Lincoln. 2011-2012. Total costs: \$26,522 (1% FTE).

“Environmental Infection Control in Military Hospitals.” PI Philip W. Smith, MD. U.S. Army/ Telemedicine and Advanced Technology Research Center (TATRC) (BAA 10-1-0703; #10316003); 2010-2013. Total direct costs: \$1,318,602 (20% effort).

“Irrigation worker exposures to antibiotic-resistant bacteria and antimicrobials from reclaimed wastewater.” PI Amy Sapkota, PhD. National Institute for Occupational Safety and Health (RO3); 2009-2011. Total direct costs: \$100,000 (8.3% effort).

“Improving Agricultural Environmental Health Literacy.” PI Michael R. Rosmann, PhD; AgriWellness, Inc. Great Plains Center for Agricultural Health; 2009-2010. Total direct costs: \$15,000 (\$1,800).

“Hispanic Health Disparities Research Center.” Co-Director of the Research Training and Education Core. PI: Robert L. Anders. NIH National Center on Minority Health and Health Disparities Establishing Exploratory NCMHD Research Center of Excellence, (1P20MD002287-01); 2008-2013. Total direct costs: \$6,767,616 (10% FTE).

“Hispanic Health Disparities Research Center.” Co-Director of the Dissemination Core. PI. Diana Natalicio, Ph.D. NIH National Center on Minority Health and Health Disparities (P20 MD000548); 2003-2008. Total direct costs: \$4.1 million (20% FTE).

“Texas Tech University Health Sciences Center School of Medicine Regional Center for Public Health in Medical Education” PI Darryl Williams, Ph.D. Association of American Medical Colleges. (TTUHSC #04EM030080FN); 2004-2006. Total direct costs: \$24,000.00 (5% FTE).

“Support for a Multi-Media Field Study of the Aquatic Stressors from Hog Manure.” U.S.EPA Contract with the University of Cincinnati (Task Order No. 31, Contract 68-C-00159); 2002-2003. Total direct costs: \$60,000 (0% FTE).

“Investigations of Bioaerosols in and around Swine Containment Operations.” National Institute for Occupational Safety and Health (#T42/CCT510420); 2000-2001. Total direct costs: \$6,000 (0% FTE).

Consultant

“Indiana University Health Contract (MOU) for the Support of the IU Health Special Pathogens Unit.” PI: Shawn Gibbs. Indiana University Health. 2015-Current. Yearly Total direct Costs: \$15,000/year in Personal Consulting.

“Respiratory Protection Project”. Centers for Disease Control and Prevention Contract with the University of Cincinnati; 2006-2008. Total direct costs: \$431,000 (\$7,000 in Personal Consulting).

EDITORIAL SERVICE

Referee for Peer Journals

Aerobiologia	2009
Aerosol Science & Technology	2006, 2007, 2008, 2009
American Journal of Applied Science	2004, 2005
American Journal of Industrial Medicine	2009, 2010
American Journal of Infection Control	2012, 2014, 2015
Atmospheric Environment	2006, 2007
Environmental Health Perspectives	2006, 2007, 2010, 2012
Environmental Research	2006, 2009, 2014

Human Organization	2006, 2007
Indoor Air	2009, 2010
International Journal of Environmental Health Research	2006, 2007
Journal of Agromedicine	2011
Journal of Basic Microbiology	2006, 2007
Journal of Environmental Engineering	2006, 2007
Journal of Environmental Engineering and Science	2006, 2007, 2008, 2009
Journal of Environmental Management	2006, 2007
Journal of Local & Global Health Perspectives	2012
Journal of Occupational & Environmental Hygiene	2005, 2006, 2007, 2008, 2009
Journal of Water and Health	2009
Mycopathologia	2006, 2007
Science of the Total Environment	2008
Texas Public Health Association Journal	2008, 2012, 2013
Water, Air, & Soil Pollution	2005, 2006, 2007
Water Research	2005, 2006, 2007

Editorial and National Advisory Boards

2016-Current	Clearinghouse Advisory Board, National Institute of Environmental Health Sciences Worker Training Program, NIEHS, North Carolina
2014-Current	Respiratory Protection Education for Healthcare Workers Advisory Board, American Association of Occupational Health Nurses
2014-2015	Non-Federal Member, CDC Rapid Ebola Preparedness (REP) Team, Centers for Disease Control and Prevention
2007-2014	Texas Public Health Association Journal

Conference Reviews

2015	International Student Research Forum (Abstracts). 2015. University of Aberdeen in Aberdeen, Scotland.
2015	International Student Research Forum (Oral Presentations). 2015. University of Aberdeen in Aberdeen, Scotland.
2014	International Student Research Forum (Abstracts). 2014. University of Southern Denmark, Denmark.
2014	International Student Research Forum (Oral Presentations). 2014. University of Southern Denmark, Denmark.
2013	Midwest Student Biomedical Research Forum (abstracts) 2013. Omaha, Nebraska.
2013	Midwest Student Biomedical Research Forum (posters) 2013. Omaha, Nebraska.
2013	International Student Research Forum (Abstracts). 2013. Omaha, Nebraska.
2013	International Student Research Forum (Oral Presentations). 2013. Omaha, Nebraska.
2009	Midwest Student Biomedical Research Forum (abstracts) 2009. Omaha, Nebraska
2009	Abstracts-Midwest Student Biomedical Research Forum. 2009. Omaha, Nebraska.
2005	American Public Health Association 133 rd Annual Meeting & Exposition Environmental Program (abstracts), November 5-9, 2005. New Orleans, Louisiana. Changed to December 10-14, 2005. Philadelphia, Pennsylvania.

Grants/Fellowship Reviews

- 2014 PRMRP Pre-Respiratory Health-1 (Pre-RH-1) online peer review panel, CDMRP Peer Reviewed Medical Research Program (PRMRP) Pre-RH-1. Department of Defense Congressionally Directed Medical Research Programs (CDMRP)
- 2014 PRMRP Pre-Respiratory Health-1 (Pre-RH-2) online peer review panel, CDMRP Peer Reviewed Medical Research Program (PRMRP) Pre-RH-1. Department of Defense Congressionally Directed Medical Research Programs (CDMRP)
- 2013 Physicians' Services Incorporated Foundation Health Research Grant 2013. Physicians' Services Incorporated Foundation, Toronto, ON, Canada.
- 2012 Fulbright Commission AY2013-2014 Egyptian Fulbright Mission Program. Peer Review Panel for the field of Public Health.
- 2012 Fulbright Commission AY2013-2014 Egyptian Fulbright Student Program. Review Panel for the field of Public Health.
- 2012 Pilot Funding Awards for 2013-2014. Hispanic Health Disparities Research Center University of Texas at El Paso and University of Texas Houston School of Public Health.
- 2011 Bioinformatics, Epidemiology and CTR Study Section AY2011-12 Assistantship/Fellowship Competition. University of Nebraska Medical Center.
- 2011 Transitioning Faculty Awards for 2011-2012. Hispanic Health Disparities Research Center University of Texas at El Paso and University of Texas Houston School of Public Health.
- 2011 Pilot Funding Awards for 2012-2013. Hispanic Health Disparities Research Center University of Texas at El Paso and University of Texas Houston School of Public Health.
- 2011 Maryland Technology Transfer and Commercialization Program 2011. Maryland Technology Development Corporation.
- 2010 National Institute for Occupational Safety and Health, Intramural National Occupational Research Agenda FY11, Panel A—Lab/Exposure Assessment Methods Peer Review. April 13–14, 2010—Alexandria, Virginia.
- 2010 Fulbright Commission Egyptian International Fulbright Science and Technology (IFST) Award, AY2011-2012. Peer Review Panel for the field of Public Health. College of Public Health, University of Nebraska Medical Center
- 2010 Dean's Mentored Research Grant Program Committee 2010-2011,
- 2009 National Institute for Occupational Safety and Health, Intramural National Occupational Research Agenda FY10, Panel A—Lab/Exposure Assessment Methods Peer Review. April 20–21, 2009—Baltimore, Maryland,
- 2009 Fulbright Commission Egyptian International Fulbright Science and Technology (IFST) Award, AY2010-2011. Peer Review Panel for the field of Public Health.
- 2009 Fulbright Commission Egyptian International Fulbright Science and Technology (IFST) Award, AY2010-2011. Peer Review Panel for the field of Environmental Sciences.
- 2008 Fulbright Commission Egyptian International Fulbright Science and Technology (IFST) Award, AY2009-2010. Peer Review Panel for the field of Public Health.
- 2008 Southwest Center for Occupational and Environmental Health NIOSH Pilot Projects. 2008—Houston, Texas.
- 2008 Fulbright Commission Egyptian Student Program, AY2009-2010. Peer Review Panel for the field of Environmental Science.
- 2007 Southwest Center for Occupational and Environmental Health NIOSH Pilot Projects—Houston, Texas.
- 2007 University of Texas at El Paso, College of Health Sciences Community Outreach Program.

- 2007 Fulbright Commission Egyptian Student Program, AY2008-2009. Peer Review Panel for the field of Public Health.
- 2007 United States Environmental Protection Agency Science to Achieve Results (STAR) Fellowships for Graduate Study Program in the area of Microbiology review panel. F6D7/D2 – Microbiology, March 5-7, 2007—Washington, D.C.
- 2006 Association of Schools of Public Health/ United States Environmental Protection Agency Environmental Health Fellowship Program review panel.
- 2006 Southwest Center for Occupational and Environmental Health NIOSH Pilot Projects—Houston, Texas.
- 2006 United States Environmental Protection Agency Science to Achieve Results (STAR) Fellowships for Graduate Study Program in the area of Microbiology review panel. F6D7/D2 – Microbiology, February 27-28, 2006—Washington, D.C.
- 2006 Fulbright Commission Egyptian Student Program, AY2007-2008. Interviewing Panel for the fields of Agriculture, Molecular Genetics, Bio-informatics, and Environmental Science. September 21, 2006—Dokki, Egypt.
- 2006 Fulbright Commission Egyptian Student Program, AY2007-2008. Interviewing Panel for the fields of Basic Science in Dentistry, Pharmacy, Physiotherapy, Chemistry and Biochemistry. September 25, 2006—Dokki, Egypt.
- 2006 Fulbright Commission Egyptian Scholar Program, AY2007-2008. Interviewing Panel for the field of Sciences III--Botany. November 21, 2006—Dokki, Egypt.
- 2006 Fulbright Commission Egyptian Scholar Program, AY2007-2008. Interviewing Panel for the fields of Sciences V—Microbiology, Biochemistry, Genetics, Molecular Biology. November 30, 2006—Dokki, Egypt.
- 2005 Southwest Center for Occupational and Environmental Health NIOSH Pilot Projects—Houston, Texas

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Current Memberships

- 2015-Current Member, Indiana Public Health Association
- 2013-Current Member and Past President of Gamma Omicron Chapter of Delta Omega Honorary Society in Public Health
- 2009-Current Member, American Industrial Hygiene Association
- 2003-Current Member, American Public Health Association

Previous Memberships

- 2003-2015 Member, American Water Works Association
- 2003-2014 Member, American Society of Microbiology
- 2009-2015 Member, Public Health Association of Nebraska
- 2008-2013 Member, National Environmental Health Association
- 2007-2014 Member, Texas Public Health Association
- 2006-2010 Member, International Association for Aerobiology
- 2003-2013 Member, International Water Association
- 2003-2005 Member, Sigma Xi Membership Committee (UTEP)
- 2000-2005 Member, Sigma Xi Scientific Research Society
- 1996-1997 Vice President, Golden Key National Honor Society
- 1996-1997 Member, Alpha Epsilon Delta Honor Society
- 1996-1997 Member, Order of Omega Honor Society

1995-1997 Member, Golden Key National Honor Society

COMMITTEES

Current Committees

- 2016-Current Member, Fiscal Oversight Committee for Laboratory Animal Resources. Office of the Vice Provost for Research Advisory Committee, Indiana University-Bloomington
- 2016-Current Member, Campus Committee on Indiana University Bloomington Student Fulbright Applicants, Indiana University-Bloomington
- 2016-Current Member, Office of the Vice Provost for Research Advisory Committee, Indiana University-Bloomington
- 2016-Current Member, Conflict of Interest Committee, Indiana University-Bloomington.
- 2016-Current Member, Indiana University Regional Associate Deans for Graduate Education Committee, Indiana University-Bloomington
- 2016-Current Member, Infectious Disease Workshop Planning Committee, National Institute of Environmental Health Sciences Working Training Program, Research Triangle Park, North Carolina
- 2016-Current Member, General Education Monitoring Subcommittee, Indiana University-Bloomington.
- 2016-Current Member, Academic Steering Committee (ASC) for Indiana University Center for Interprofessional Health Education and Practice (CIPHEP) and University Clinical Affairs (UCA), Indiana University System
- 2015-Current Chair, Committee on Research and Creative Activity. School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current Member, Campus Curriculum Committee, Indiana University-Bloomington.
- 2015-Current Member, Campus General Education Subcommittee on Social and Historical Studies, Indiana University-Bloomington
- 2015-Current ex-officio Chair, School Tenure and Promotion Committee. School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current Member, Tenure and Promotion Committee. Department of Environmental Health School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current Member, Career Services Advisory Board. School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current ex-officio Member representing the Dean, Academic Council, School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current ex-officio Member representing the Dean, Teaching and Learning Committee, School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current IU-Representative, Academic Affairs' Section, Association of Schools and Programs of Public Health (ASPPH), Washington, DC
- 2015-Current Chair, Undergraduate Studies Committee, School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current ex-officio Member representing the Dean, Graduate Studies Committee, School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current ex-officio member, Public Health Leadership Committee. School of Public Health-Bloomington, Indiana University-Bloomington
- 2015-Current Member, Deans and Chairs Committee. School of Public Health-Bloomington, Indiana University-Bloomington

Previous Committees

2016-2017	Alternate Member, Indiana University Health Sciences Council, Indiana University-Bloomington
2016-2017	Member, Faculty Review Committee for the Emerging Areas of Research program, Indiana University-Bloomington
2016-2017	Member, Indiana University Regional Academic Health Center Program Planning Committee, Indiana University-Bloomington
2015-2017	Chair, Search Committee for Chair Department of Recreation, Park, and Tourism Studies. School of Public Health-Bloomington, Indiana University-Bloomington
2015-2016	ex-officio Member representing the Dean, Student Affairs Committee, School of Public Health-Bloomington, Indiana University-Bloomington
2015-2016	Member, Search Committee for Senior Level Faculty Cluster Hires. School of Public Health-Bloomington, Indiana University-Bloomington
2014-2015	Member, University of Nebraska System Military Support Task Force, University of Nebraska System Wide Initiative
2014-2015	Interim Chair, Student Services Committee, University of Nebraska Medical Center
2013-2015	Member, Incident Command Team, University of Nebraska Medical Center/The Nebraska Medical Center
2010-2015	Member and Former Chair, Curriculum Committee (Formerly Academic Affairs Committee), College of Public Health, University of Nebraska Medical Center
2012-2015	Member, Student Services Committee, University of Nebraska Medical Center
2012-2015	Chair, Chancellor Robert D. Sparks, M.D. Pre-professional Student Scholarship in Health Promotion and Disease Prevention Committee, College of Public Health, University of Nebraska Medical Center
2012-2015	Chair, Carruth J. Wagner, MD Scholarship in Public Health Award Committee, College of Public Health, University of Nebraska Medical Center
2012-2015	Chair, UNMC CPH Student Leadership Award Selection Committee, College of Public Health, University of Nebraska Medical Center
2012-2015	Member, ASPPH Accreditation and Credentialing Committee, Association of Schools of Public Health
2012-2015	Member, ASPPH Career Services Council, Association of Schools of Public Health
2012-2015	Member, International - Global Health Faculty and Student Advisory Committee, Office of the Vice Chancellor for Academic Affairs, University of Nebraska Medical Center
2011-2015	Member, Faculty Advisory Board for the Center for Reducing Health Disparities, University of Nebraska Medical Center
2011-2015	Member, Advisory Board for the Center for Environmental Health and Toxicology, University of Nebraska Medical Center
2010-2015	Member, Campus Committee on UNMC Student Fulbright Applicants, University of Nebraska Medical Center
2010-2015	Member, College Organization and Governance Accreditation Committee, College of Public Health, University of Nebraska Medical Center

2010-2015	Member, Dean's Leadership Council, College of Public Health, University of Nebraska Medical Center
2010-2015	Member, Faculty Accreditation Task Force Committee, College of Public Health, University of Nebraska Medical Center
2010-2015	Member, Student Recruitment & Admissions Committee, College of Public Health, University of Nebraska Medical Center
2010-2015	Member, Center for Environmental Health and Toxicology, University of Nebraska Medical Center
2009-2015	Member, Decontamination Team, The Nebraska Medical Center
2008-2015	Member, UNMC Business Continuity Planning/Coordination Committee, University of Nebraska Medical Center
2008-2015	Member, Nebraska Biocontainment Unit Leadership Team, University of Nebraska Medical Center
2008-2015	Member, MPH Environmental Health Concentration Curriculum Committee, College of Public Health, University of Nebraska Medical Center
2013-2014	Member, Vice-Chancellor's UNMC E-Learning Committee, University of Nebraska Medical Center
2012-2014	Chair, Online Programs Working Group, College of Public Health, University of Nebraska Medical Center
2010-2014	Member, Doctoral Programs Committee, College of Public Health, University of Nebraska Medical Center
2009-2014	Member, College Evaluation Committee, College of Public Health, University of Nebraska Medical Center
2013	Member, Search Committee for a Faculty Position in Environmental, Agricultural, and Occupational Health, College of Public Health, University of Nebraska Medical Center
2013	Member, Dean's Transition Team (Dean leaving, preparing for an Interim Dean), College of Public Health, University of Nebraska Medical Center
2012-2013	Member, Certified in Public Health Exam Environmental and Occupational Content Outline Review Committee, National Board of Public Health Examiners Certified in Public Health
2010-2013	Member, Community Engagement Coordinating Council, College of Public Health, University of Nebraska Medical Center
2012	Senator (Stepped down to take Associate Dean Position), Faculty Senate, University of Nebraska Medical Center
2011-2012	Member, Chancellor Robert D. Sparks, M.D. Pre-professional Student Scholarship in Health Promotion and Disease Prevention Committee, College of Public Health, University of Nebraska Medical Center
2011-2012	Co-Chair, Online Programs Development Committee, College of Public Health, University of Nebraska Medical Center
2010-2012	Chair, Curriculum Committee (Formerly Academic Affairs Committee), College of Public Health, University of Nebraska Medical Center
2010-2012	Member, Carruth J. Wagner, MD Scholarship in Public Health Award Committee, College of Public Health, University of Nebraska Medical Center
2010-2012	Member, Inter-Professional Service Learning Academy Steering Committee College of Public Health, University of Nebraska Medical Center

2008-2012	Member, Medical Sciences Interdisciplinary Area PhD Program Committee, College of Public Health, University of Nebraska Medical Center
2008-2012	Member, Excellence in Teaching Award Policy Committee, College of Public Health, University of Nebraska Medical Center
2010	Chair, MPH Graduate Program Committee, College of Public Health, University of Nebraska Medical Center
2009-2010	Alternate Member, MPH Graduate Program Committee, College of Public Health, University of Nebraska Medical Center
2009-2010	Member, Distance Education Technology Committee, College of Public Health, University of Nebraska Medical Center
2009-2010	Member, 3rd Annual UNMC Interprofessional Education (IPE) Day, University of Nebraska Medical Center
2009-2010	Member, Promotion and Tenure Committee, College of Public Health, University of Nebraska Medical Center
2008-2010	Member, Research and Development Committee, College of Public Health, University of Nebraska Medical Center
2008-2010	Member, MPH Environmental Health Concentration Development Committee, College of Public Health, University of Nebraska Medical Center
2008-2009	Member, 2nd Annual UNMC Interprofessional Education (IPE) Day, University of Nebraska Medical Center
2008	Member, Committee for the Infectious Disease Research & Teaching Program, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Texas Health Science Center at Houston
2008	Faculty Council Representative, Regional Campus Committee of the Faculty Council, School of Public Health, University of Texas Health Science Center at Houston
2007-2008	Chair, Student Recruitment Committee, El Paso Regional Campus, School of Public Health, University of Texas Health Science Center at Houston
2007-2008	Reviewer, Annual Activities Report Peer Review for 2006-2007, Division of Occupational and Environmental Health Sciences, School of Public Health, University of Texas Health Science Center at Houston
2007	Member, Search Committee for a Faculty Position at the El Paso Regional Campus in Health Disparities Research with a Special Interest in Hispanics and Border Health, El Paso Regional Campus, School of Public Health, University of Texas Health Science Center at Houston
2007	Reviewer, Six-Year Faculty Review Committee (Formerly Six-Year Post-Tenure Faculty Review Committee), School of Public Health, University of Texas Health Science Center at Houston
2006-2008	Faculty Council Representative, Faculty Council, School of Public Health, University of Texas Health Science Center at Houston
2004-2008	Member, School Health Advisory Committee, Canutillo Independent School District
2004-2008	Member, Public Working Committee, El Paso Water Utilities
2003-2008	Member, Paso Del Norte Environmental Health Coalition
2006-2007	Member, Committee for the Establishment of Research Focus Areas, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Texas Health Science Center at Houston

- 2005-2006 Member, Health Conference Planning Committee, Association of Schools of Public Health Environmental
- 2005-2006 Reviewer, Annual Activities Report Peer Review for 2005-2006, Division of Biostatistics, School of Public Health, University of Texas Health Science Center at Houston
- 2004-2006 Chair, Webpage Technology Development Committee, El Paso Regional Campus, School of Public Health, University of Texas Health Science Center at Houston
- 2004-2006 Co-Advisor, Student Government Organization, El Paso Regional Campus, School of Public Health, University of Texas Health Science Center at Houston
- 2003-2006 Chair, Environmental Science Concentration Committee, El Paso Regional Campus, School of Public Health, University of Texas Health Science Center at Houston
- 2005 Member, Regional Campus Doctoral Recruitment Committee, School of Public Health, University of Texas Health Science Center at Houston
- 2003-2004 Member, MPH Culminating Experience Committee, School of Public Health, University of Texas Health Science Center at Houston
- 2003-2004 Chair, Environmental Health Core Course Revision Committee, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Texas Health Science Center at Houston

PUBLICATIONS

Publications in Peer Reviewed Scholarly Journals

(+ *Denotes student*)

1. Hurd, W.W., Natarajan, V., Fischer, J.R., Singh, D.M., **Gibbs, S.G.**, and Fomin, V.P. 2002. Magnesium Sulfate Inhibits the Oxytocin-Induced Production of Inositol 1,4,5-Trisphosphate in Cultured Human Myometrial Cells. *American Journal of Obstetrics and Gynecology*, 187: 419-424.
2. **Gibbs, S.G.**, Meckes, M.C., and Scarpino, P.V. 2003. A Long-Term Wastewater Cross-Connection's Effect on the Biofilm of a Simulated Water Distribution System. *Journal of Environmental Engineering and Science*, 2(2): 85-98.
3. Green, C.F., Scarpino, P.V., and **Gibbs, S.G.** 2003. Assessment and Modeling of Indoor Fungal and Bacterial Bioaerosol Concentrations. *Aerobiologia*, 19(3-4): 159-169.
4. Bermeo, M.E., Fomin, V.P., Ventolini, G., **Gibbs, S.G.**, McKenna, D.S., Hurd, W.W. 2004. Magnesium Sulfate Induces Differential Translocation of Protein Kinase C Isoenzymes Alpha and Delta in Myometrial Cells from Pregnant Women. *American Journal of Obstetrics and Gynecology*, 190(2): 522-527.
5. **Gibbs, S.G.**, Meckes, M.C., Green, C.F., and Scarpino, P.V. 2004. Evaluation of the Ability of Chlorine to Remove Selected Indicator Organisms from the Biofilm of a Drinking Water Distribution System Simulator Following a Long-Term Wastewater Cross-Connection. *Journal of Environmental Engineering and Science*, 3(2): 97-105.
6. Green, C.F., Scarpino, P.V., Jensen, P., Jensen, N.J., and **Gibbs, S.G.** 2004. Disinfection of Selected *Aspergillus spp.* Using Ultraviolet Germicidal Irradiation (UVGI). *Canadian Journal of Microbiology*, 50(3): 221-224.
7. **Gibbs, S.G.**, Green, C.F., Tarwater, P.M., and Scarpino, P.V. 2004. Airborne Antibiotic Resistant and Nonresistant Bacteria and Fungi Recovered from Two Swine Herd Confined

- Animal Feeding Operations. *Journal of Occupational and Environmental Hygiene*, 1(11): 699-706.
8. Hurd, W.W., **Gibbs, S.G.**, Ventolini, G., Horowitz, G.M., and Guy, S.R. 2005. Shortening Increases Spontaneous Contractility in Myometrium from Pregnant Women at Term. *American Journal of Obstetrics and Gynecology*, 192(4): 1295-301.
 9. Green, C.F., ⁺Davidson, C.S., Scarpino, P.V, and **Gibbs, S.G.** 2005. Ultraviolet Germicidal Irradiation Disinfection of *Stachybotrys chartarum*. *Canadian Journal of Microbiology*, 51(9): 801-804.
 10. Mulla, Z.D. and **Gibbs, S.G.** 2005. Invasive Group A Streptococcal Disease: Race, Hypotension, and Immunogenetics. *Ethnicity and Disease*, 15(4) Supplement 5. S5-63 to S5-66.
 11. Green, C.F., **Gibbs, S.G.**, Tarwater, P.M., ⁺Mota, L.C., Scarpino, P.V. 2006. Bacterial Plume Emanating from the Air Surrounding Swine Confinement Operations. *Journal of Occupational and Environmental Hygiene*, 3(1): 9-15.
 12. ⁺Wagner, A., ⁺Hoffman, M., Green, C.F., Barth, E., ⁺Davidson, C., **Gibbs, S.G.**, and Scarpino, P.V. 2006. Inactivation of *Stachybotrys chartarum* Grown on Gypsum Board Using Aerosolized Chemical Agents. *Journal of Environmental Engineering and Science*, 5(1): 75-79.
 13. Fomin, V.P., **Gibbs, S.G.**, Vanam, R., Morimiya, A., and Hurd, W.W. 2006. Effect of Magnesium Sulfate on Contractile Force and Intracellular Calcium Concentration in Pregnant Human Myometrium. *American Journal of Obstetrics and Gynecology*, 194(5): 1384-1390.
 14. Abdel Hameed A.A, Green, C.F., and **Gibbs, S.G.** 2006. Rainfall and Its Effect on Ambient Airborne Fungi in Giza, Egypt. *Journal of Environmental Sciences* (Published in Egypt in both Arabic and English), 32: 275-292.
 15. **Gibbs, S.G.**, Green, C.F., Tarwater, P.M., ⁺Mota, L.C., Mena, K.D., and Scarpino, P.V. 2006. Isolation of Antibiotic Resistant Bacteria from the Air Plume Downwind of a Swine Confined or Concentrated Animal Feeding Operation. *Environmental Health Perspectives*, 114(7): 1032-1037.
 16. **Gibbs, S.G.**, Sobieraj, J., Harris, M., Steel, H., Tarwater, P.M., and Ortiz, M. 2006. Comparison of Nondeployable Hearing Profiles by Army Component (Active Duty, National Guard and Reserve) and by Gender. *Military Medicine*. 171(10): 967-969.
 17. ⁺Gandara, A., ⁺Mota, L.C., ⁺Flores, C., Perez, H.R., Green C.F. and **Gibbs, S.G.** 2006. Isolation of *Staphylococcus aureus* and antibiotic-resistant *Staphylococcus aureus* from residential indoor bioaerosols.. 114(12): 1859-1864. Featured article in the Environew/Science Selections as “Unwelcome Guest: Airborne Staph in Homes” *Environmental Health Perspectives*. 114(12): A715.
 18. ⁺Saller, J., ⁺Reyes, P., ⁺Maldonado, P.A., **Gibbs, S.G.**, and Byrd, T. 2007. Children’s Exposure to Pesticides Used in Homes and Farms. *Journal of Environmental Health*. 69(7): 27-32.
 19. Mulla, Z.D., **Gibbs, S.G.**, and Arnoff, D.M. 2007. Correlates of Length of Stay, Cost of Care, and Mortality Among Patients Hospitalized for Necrotizing Fasciitis. *Epidemiology and Infection*. 135(5): 868-876.
 20. Hurd, W.W., **Gibbs, S.G.**, and Rudinsky, K.A. 2008. Differential Regulation of Myometrial Prostaglandin Production by Changes in Length. *American Journal of Obstetrics and Gynecology*. 198(2): 225.e1-225.e4.
 21. ⁺Wagner, A., Green, C.F., Barth, E., ⁺Pedregon, V., **Gibbs, S.G.**, and Scarpino, P.V. 2008. Inactivation of *Bacillus subtilis* on Gypsum Board Using Aerosolized Chemical Agents.

- Journal of Environmental Engineering and Science. 7(2): 159-164.
22. ⁺Carrasco, L., Mena, K.D., ⁺Mota, L.C., Ortiz, M., Behraves, C., **Gibbs, S.G.**, Bristol, J.R., Mayberry, L., and Cardenas, V.M. 2008. Occurrence of Faecal Contamination in Households along the U.S.-Mexico Border. *Letters in Applied Microbiology*. 46: 682-687.
 23. ⁺Mota, L.C., **Gibbs, S.G.**, Green, C.F., ⁺Payan, F., Tarwater, P.M., and Ortiz M. 2008. Characterization of Seasonal Indoor and Outdoor Bioaerosols in the Arid Environment of El Paso, Texas. *Journal of Environmental Health*. 70 (10): 48-53.
 24. ⁺Mota, L.C., **Gibbs, S.G.**, Green C.F., ⁺Flores, C.M., Tarwater, P.M., and Ortiz, M. 2008. Seasonal Fine and Coarse Culturable Fungal Constituents and Concentrations from Indoor and Outdoor Air Samples taken from an Arid Environment. *Journal of Occupational and Environmental Hygiene*. 5(8): 511-518.
 25. Mena K.D., ⁺Mota, L.C., Meckes, M.C., Green, C.F., Hurd, W.W., and **Gibbs, S.G.** 2008. Quantitative Microbial Risk Assessment of a Drinking Water-Wastewater Cross-Connection Simulation. *Journal of Environmental Engineering and Science*. 7(5): 525-530.
 26. **Gibbs, S.G.**, Meckes, M.C., Ortiz, M., Green, C.F., and Scarpino, P.V. 2008. Evaluation of the inhibition of culturable *Enterococcus faecium*, *Escherichia coli*, or *Aeromonas hydrophilia* by an existing drinking water biofilm. *Journal of Environmental Engineering and Science*. 7(6): 559-568.
 27. ⁺Bristow, Z., Mena, K.D., **Gibbs, S.G.**, Gurian, P.L., Mulla, Z.M., and Byrd, T.L. 2008. Risk Assessment of Heterotrophic Plate Count (HPC) Bacteria in Potable Water Sources. *Texas Public Health Association Journal*. 60(4): 9-13.
 28. Sobieraj, J., **Gibbs, S.G.**, Steele, H., Harris, M., Tarwater, P.M., and Ortiz, M. 2009. Hearing Threshold Comparisons between 2001-02 NHANES and 2003-05 Fort Bliss U.S. Army Service Components. *Military Medicine*. 174(1): 42-46.
 29. ⁺Corella-Barud, V., Mena, K.D., **Gibbs, S.G.**, Gurian, P.L., and Barud, A. 2009. Evaluation of Neighborhood Treatment Systems for Potable Water Supply. *International Journal of Environmental Health Research*. 19(1): 49-58.
 30. ⁺Alvarado, C.S., ⁺Gandara, A., ⁺Flores, C., Perez, H.R., Green, C.F., Hurd, W.W., and **Gibbs, S.G.** 2009. Seasonal Changes in Airborne Fungi and Bacteria at a Dairy Cattle Concentrated Animal Feeding Operation in the Southwest United States. *Journal of Environmental Health*. 71(9): 40-44.
 31. ⁺Flores, C., ⁺Mota, L.C., Green, C.F., Mena, K.D., Balcazar, H.G., and **Gibbs, S.G.** 2009. Evaluation of Respiratory Symptoms and Their Possible Association with Residential Indoor Bioaerosol Concentrations and other Environmental Influences. *Journal of Environmental Health*. 72(4): 8-13.
 32. Abdel Hameed, A.A., El Morsy, T.H., Tarwater, P.M., Green, C.F., and **Gibbs, S.G.** 2010. Air Biocontamination in a Variety of Agricultural Industry Environments in Egypt: a Pilot Study. *Aerobiologia*. 26(3):223-232.
 33. Von Essen, S.G., Moore, G., **Gibbs, S.G.**, and Leedom-Larson, K. 2010. Respiratory Issues in Beef and Pork Production: Recommendations from an Expert Panel. *Journal of Agromedicine*. 15(3): 216-225.
 34. Perez, H.R., Johnson, R., Gurian, P.L., **Gibbs, S.G.**, Taylor, J., and Burstyn, I. 2011. Isolation of Airborne Oxacillin-Resistant *Staphylococcus aureus* from Urban Residences. *Journal of Occupational and Environmental Hygiene*. 8(2): 80-85.
 35. ⁺Davidson, C.S., Green, C.F., Panlilio, A.L., Jensen, P., Stover, B.H., Rosselle, G., **Gibbs, S.G.**, and Scarpino, P.V. 2011. Method for Evaluating the Relative Efficiency of Selected N95 Respirators and Surgical Masks to Prevent the Inhalation of Airborne Vegetative Cells

- by Healthcare Personnel. *Indoor and Built Environment*. 20(2): 265-277.
36. ⁺Beam, E.L., **Gibbs, S.G.**, Boulter, K.C., Beckerdite, M.E., and Smith, P.W. 2011. A Method for Evaluating Personal Protective Equipment Technique by Healthcare Workers. *American Journal of Infection Control*. 39(5): 415-420.
 37. ⁺Davidson, C.S., Green, C.F., **Gibbs, S.G.**, Panlilio, A.L., Jensen, P., Jin, Y., and Scarpino, P.V. 2011. Feasibility of Selected Prophylactic Barriers in Arrestance of Airborne Vegetative Cells and Endospores. *American Journal of Infection Control*. 39(7): 581-586.
 38. ⁺Alvardo, C.S., **Gibbs, S.G.**, ⁺Gandara, A., ⁺Flores, C., Hurd, W.W., and Green, C.F. 2012. The Potential for Community Exposures to Pathogens from an Urban Dairy. *Journal of Environmental Health*. 74(7):22-28.
 39. **Gibbs, S.G.**, Hurd, W.W., Green, C.F., ⁺Gandara, A., and Tarwater, P.M. 2012. Respiratory and Reproductive Health in Women Near Confined Animal Feeding Operations in the American Southwest. *Texas Public Health Association Journal*. 64(2): 4-11.
 40. ⁺Mota, L.C., **Gibbs, S.G.**, Green, C.F., ⁺Flores, C., and Ortiz M. 2012. Evaluation of Selected Ambient Air Pollutants as a Potential Predictor of Seasonal Fungal and Bacterial Airborne Concentrations in El Paso, Texas. *Texas Public Health Association Journal*. 64(2): 12-19.
 41. Green, C.F., ⁺Davidson, C.S., Panlilio, A.L., Jensen, P., Jin, Y., **Gibbs, S.G.**, and Scarpino, P.V. 2012. Effectiveness of Selected Surgical Masks in Arresting Vegetative Cells and Endospores When Worn by Simulated Contagious Patients. *Infection Control and Hospital Epidemiology*. (33)5: 487-494.
 42. **Gibbs, S.G.**, ⁺Lowe, J., Smith, P.W., and Hewlett, A.L. 2012. Gaseous Chlorine Dioxide as an Alternative for Bedbug Control. *Infection Control and Hospital Epidemiology*. 33(5): 495-499.
 43. ⁺Rosenberg-Goldstein, R.E., Micallef, S.A., **Gibbs, S.G.**, Davis, J.A., He, X., George, A., Kleinfelter, L.M., Schreiber, N.A., Mukherjee, S., Sapkota, A., Joseph, S.W., Sapkota, A.R. 2012. Methicillin-resistant *Staphylococcus aureus* (MRSA) Detected at Four U.S. Wastewater Treatment Plants. *Environmental Health Perspectives*. 120(11): 1551-1558.
 44. ⁺Lowe, J.J., **Gibbs, S.G.**, Iwen, P.C., and Smith, P.W. 2012. A Case Study on Decontamination of a Biosafety Level-3 Laboratory and Associated Ductwork within an Operational Building Using Gaseous Chlorine Dioxide. *Journal of Occupational and Environmental Hygiene*. 9(12): D196-D205.
 45. Abdel Hameed A.A , **Gibbs, S.G.**, Tarwater P.M., and Green, C.F. 2013. Coarse and Fine Culturable Fungal Air Concentrations in Urban and Rural Homes in Egypt. *International Journal of Environmental Research and Public Health*. 10(3): 936-949. doi:10.3390/ijerph10030936.
 46. Smith, P.W., **Gibbs, S.G.**, Sayles, H., Hewlett, A., Rupp, M.E., and Iwen, P.C. 2013. Observations on Hospital Room Contamination Testing. *Healthcare Infection*. 18(1): 10-13. doi:10.1071/HI12049
 47. Smith, P.W., Sayles, H., Hewlett, A., Cavalieri, R.J., **Gibbs, S.G.**, and Rupp, M.E. 2013. A Study of Three Methods for Assessment of Hospital Environmental Cleaning. *Healthcare Infection*. 18(2): 80-85. doi:10.1071/HI13001.
 48. ⁺Lowe J.J, Hewlett A.L., Iwen, P.C., Smith P.W., and **Gibbs S.G.** 2013. Evaluation of Ambulance Decontamination Using Gaseous Chlorine Dioxide. *Prehospital Emergency Care*. 17: 401-408.
 49. Espinosa-Gongora, C., Damborg, P., Saxmose-Nielson, S., **Gibbs, S.G.**, Guardabassi, L. 2013. Effect of a Disinfectant Powder on Methicillin-Resistant *Staphylococcus aureus* in

- Pigs, Bedding and Air Samples Under Simulated Farm Conditions. *The Pig Journal*. 68: 13-18.
50. Lowe, J.J., **Gibbs, S.G.**, Iwen, P.C., Smith, P.W., and Hewlett, A.L. 2013. Impact of Chlorine Dioxide Gas Sterilization on Nosocomial Organism Viability in a Hospital Room. *International Journal of Environmental Research and Public Health*. 10: 2596-2605. doi:10.3390/ijerph10062596.
 51. ⁺Davidson, C.S., Green, C.F., **Gibbs, S.G.**, Schmid, K.K., Panlilio, A.L., Jensen, P., and Scarpino, P.V. 2013. Performance Evaluation of Selected N95 Respirators and Surgical Masks When Challenged with Aerosolized Endospores and Inert Particles. *Journal of Occupational and Environmental Hygiene*. 10(9): 461-467.
 52. Awad, A.H.A., **Gibbs, S.G.**, Tarwater, P.M., Casillas, M.E., and Green, C.F. 2013. Seasonal Evaluation of Fine and Coarse Culturable Bacterial Aerosols from Residences within a Rural and an Urban City in Egypt. *International Journal of Environmental Health Research*. 23(4): 269-280.
 53. ⁺Lowe, J.J., **Gibbs, S.G.**, Iwen, P.C., Smith, P.W., and Hewlett, A.L. 2013. Decontamination of a Hospital Room using Gaseous Chlorine Dioxide: *Bacillus anthracis*, *Francisella tularensis*, and *Yersinia pestis*. *Journal of Occupational and Environmental Hygiene*. 10(10): 533-539. doi: 10.1080/15459624.2013.818241. **Recipient of Michigan Industrial Hygiene Society's Best Paper Award for 2013.**
 54. ⁺Beam, E., Lowe, J.J., Zirges, C., Carroll, C., **Gibbs, S.**, Lawrence, S. J., Smith, P.W., and Hewlett, A.L. 2013. Biocontainment Patient Transport: A Missouri to Nebraska Functional Exercise. *Domain3*, Fall 2013:20-23.
 55. Hewlett, A.L., ⁺Whitney, S.E., **Gibbs, S.G.**, Smith, P.W., and Viljoen, H.J. 2013. Mathematical Modeling of Pathogen Trajectory in a Patient Care Environment. *Infection Control and Hospital Epidemiology*. 34(11):1181-1188.
 56. Tadevosyan, A., Tadevosyan, N., Kelly, K., **Gibbs S.G.**, Rautiainen, R.H. 2013. Pesticide Use Practices in Rural Armenia. *Journal of Agromedicine*. 18:326-333.
 57. ⁺Rosenberg-Goldstein, R.E., Micallef, S.A., **Gibbs, S.G.**, George, A., Claye, E., Sapkota, A., Joseph, S.W., Sapkota, A.R. 2014. Detection of Vancomycin-Resistant Enterococci (VRE) at Four U.S. Wastewater Treatment Plants that Provide Effluent for Reuse. *Science of the Total Environment*. 466-467: 404-411. <http://dx.doi.org/10.1016/j.scitotenv.2013.07.039>
 58. Smith, P.W., ⁺Beam, E., Sayles, H., Rupp, M.E., Cavaliari, R.J., Gibbs, S.G., Hewlett, A. 2014. Impact of ATP Detection and Feedback on Hospital Room Cleaning. *Infection Control and Hospital Epidemiology*. 35(5):564-569.
 59. ⁺Rosenberg-Goldstein, R.E., Micallef, S.A., **Gibbs, S.G.**, He, X., George, A., Sapkota, A., Joseph, S.W., Sapkota, A.R. 2014. Occupational Exposure to *Staphylococcus aureus* and *Enterococcus* spp. Among Spray Irrigation Workers using Reclaimed Water. *International Journal of Environmental Research and Public Health*. 11:4340-4355. doi:10.3390/ijerph110404340
 60. **Gibbs, S.G.**, Sayles, H., ⁺Colbert, E.M., Hewlett, A., Chaika, O., Smith, P.W. 2014. Evaluation of the Relationship between the Adenosine Triphosphate (ATP) Bioluminescence Assay and the Presence of *Bacillus anthracis* Spores and Vegetative cells. *International Journal of Environmental Research and Public Health*. 11:5708-5719. doi:10.3390/ijerph110605708
 61. **Gibbs, S.G.**, Sayles, H., Chaika, O., Hewlett, A., ⁺Colbert, E.M., Smith, P.W. 2014. Evaluation of the Relationship between ATP Bioluminescence Assay and the Presence of

Organisms Associated with Healthcare-Associated Infections. *Healthcare Infection*. 19(3):101-107. doi:10.1071/HI14010

62. Iwen, P.C., Garret, J.L., **Gibbs, S.G.**, Lowe, J.J., Herrera, V.L., Sambol, A.R., Stiles, K., Wisecarver, J.L., Salerno, K.J., Pirruccello, S.J. Hinrichs, S.H. 2014. An Integrated Approach to Laboratory Testing for Patients with Ebola Virus Disease. *Laboratory Medicine*. 45(4):e146-e151. <http://labmed.ascpjournals.org/content/45/4/e146.full>
63. ⁺Beam, E.L., **Gibbs, S.G.**, Hewlett, A.L., Iwen, P.C., Nuss, S.L., Smith, P.W. 2014. Method for Investigating Nursing Behaviors Related to Isolation Care. *American Journal of Infection Control*. 42(11):1152-1156. [http://www.ajicjournal.org/article/S0196-6553\(14\)01050-5/abstract](http://www.ajicjournal.org/article/S0196-6553(14)01050-5/abstract)
64. Lowe, J.J., **Gibbs, S.G.**, Schwedhelm, S., Nguyen, J., Smith, P.W. 2014. Nebraska Biocontainment Unit Perspective on Disposal of Ebola Medical Waste. *American Journal of Infection Control*. 42:1256-1257. http://www.ajicjournal.org/pb/assets/raw/Health%20Advance/journals/ymic/YMIC_3269.pdf
65. Iwen, P.C., Smith, P.W., Hewlett, A.L., Kratochvil, C.J., Lisco, S.J., Sullivan, J.M., **Gibbs, S.G.**, Lowe, J.J., Herrera, V.L., Sambol, A.R., Wisecarver, J.L., Hinrichs, S.H. 2015. Safety Considerations in the Laboratory Testing of Specimens Suspected or Known to Contain Ebola Virus. *American Journal of Clinical Pathology*. 143:4-5.
66. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Schweldhelm, M., Iwen, P.C., ⁺Beam, E., Hayes, A.K., Marion, N., Kratochvil, C.J., Boulter, K.C., Hewlett, A., Lowe, J.J. 2015. Nebraska Biocontainment Unit Patient Discharge and Environmental Decontamination following Ebola Care. *American Journal of Infection Control*. 43(3):203-205. doi: 10.1016/j.ajic.2014.12.005
67. ⁺Colbert, E.M., **Gibbs, S.G.**, Schmid, K.K., High, R., Lowe, J.J., Chaika, O., Smith, P.W. 2015. Evaluation of Adenosine Triphosphate (ATP) Bioluminescence Assay to Confirm Surface Disinfection of Biological Indicators with Vaporized Hydrogen Peroxide (VHP). *Healthcare Infection*. 20(1):16-22.
68. ⁺Beam, E.L., **Gibbs, S.G.**, Hewlett, A., Iwen, P.C., Nuss, S.L., Smith, P.W. 2015. Clinical Challenges in Isolation Care: Researchers reflect on safe and not-so-safe practices of nurses at the bedside. *American Journal of Nursing*. 115(4):44-49.
69. Lowe, J.J., ⁺Jelden, K.C., Schenarts, P.J., Rupp, L.E., Hawes, K.J., Tysor, B.M., Swansinger, R.G., Schweldhelm, S.S., Smith, P.W., **Gibbs, S.G.** 2015. Considerations for Safe EMS Transport of Patients Infected with Ebola Virus. *Prehospital Emergency Care*. 19(2):179-183.
70. ⁺Su, C., Lau, J., **Gibbs, S.G.** 2015. Evaluation of Ultraviolet Germicidal Irradiation in Reducing the Airborne Cultural Bacteria Concentrations in an Elementary School in the Midwestern United States. *Journal of Environmental Health*. 77(9):16-21.
71. Smith, P.W., Boulter, K.C., Hewlett, A.L., Kratochvil, C.J., Beam, E., **Gibbs, S.G.**, Lowe, J.J., Schwedhelm, S.S. 2015. Planning and Response to Ebola virus disease: An Integrated Approach. *American Journal of Infection Control*. 43(5):441-446.
72. Draid, M.M., Ben-Elhaj, K.M., Ali, A.M., Schmid, K.K., **Gibbs, S.G.** 2015. Lung Function Impact from Working within the Pre-Revolution Libyan Quarry Industry. *International Journal of Environmental Research and Public Health*. 12:5006-5012. doi:10.3390/ijerph120505006
73. Lowe, J.J., Olinger, P.L., **Gibbs, S.G.**, Rengarajan, K., Beam, E.L., Boulter, K.C., Schwedhelm, M.M., Hayes, K.A., Krotchvil, C.J., Vanairsdale, S., Frislie, B; Lewis J.,

- Hewlett, A., Smith, P.W., Gartland, B., Ribner, B.S. 2015. Environmental infection control considerations for Ebola. *American Journal of Infection Control*. 43(7):747-749.
74. Lowe, J.J., Hewlett, A.L., Iwen, P.C., Smith P.W., and **Gibbs, S.G.** 2015. Surrogate Testing Suggests that Chlorine Dioxide Gas Exposure would not Inactivate Ebola Virus Contained in Environmental Blood Contamination. *Journal of Occupational and Environmental Hygiene*. 12(9): D211-D215. doi: 10.1080/15459624.2015.1043058
 75. Isakov, A., Miles, W., **Gibbs, S.G.**, Lowe, J.J., Jamison, A., Swansinger, R. 2015. Transport and Management of Patients with Confirmed Ebola Virus Disease. *Annals of Emergency Medicine*. 66(3): 297-305.
 76. Wadman, M.C., Schwedhelm, S., Watson, S., Swanhorst, J., **Gibbs, S.G.**, Lowe, J.J., Iwen, P.C., Hayes, K., Needham, S., Johnson, D.W., Kalin, D.J., Zeger, W.G., Muelleman, R.L. 2015. Emergency Department Processes for the Evaluation and Management of Persons Under Investigation for Ebola Virus Disease. *Annals of Emergency Medicine*. 66(3): 306-314.
 77. Green, C.F., Elbe, L.A., Neal, T.D., Lowe, J.J., **Gibbs, S.G.** 2015. Ultraviolet germicidal irradiation susceptibility of methicillin-resistant *Staphylococcus aureus* compared with methicillin-susceptible *S. aureus*. *Canadian Journal of Microbiology*. 61:871-875. doi: 10.1139/cjm-2015-0243
 78. ⁺Colbert, E.M., Sayles, H., Lowe, J.J., Chaika, O., Smith, P.W., **Gibbs, S.G.** 2015. Time Series Evaluation of 3M™ Clean-Trace™ ATP detection device to confirm swab effectiveness. *Healthcare Infection*. 20(4): 108-114. doi: 10.1071/HI15011
 79. ⁺Jelden, K.C., Smith, P.W., Schwedhelm, M.M., **Gibbs, S.G.**, Lowe, J.J., Beam, E.L., Kratochvil, C.J., Boulter, K.C., Hewlett, A.L. 2015. Learning from Ebola: Interprofessional practice in the Nebraska Biocontainment Unit. *Journal of Interprofessional Education and Practice*. 1(3-4): 97-99. doi: 10.1016/j.xjep.2015.07.071
 80. ⁺Neira, V., Rabinowitz, P., Rendahl, A., ⁺Paccha, B., **Gibbs, S.G.**, Torremorell, M. 2016. Characterization of viral load, viability and persistence of influenza A virus in air and on surfaces of swine production facilities. *PLoS ONE* 11(1): e0146616. doi:10.1371/journal.pone.0146616
 81. ⁺Herstein, J.J., Biddinger, P.D., Kraft, C., Saiman, L., **Gibbs, S.G.**, Smith, P.W., Hewlett, A., Lowe, J.J. 2016. Initial Costs of Ebola Treatment Centers in the United States. *Emerging Infectious Diseases*. 22(2): 350-352. doi: 10.3201/eid2202.151431
 82. ⁺Herstein, J.J., Biddinger, P.D., Kraft, C., Saiman, Lisa, **Gibbs, S.G.**, ⁺Le, A.B., Smith, P.W., Hewlett, A., Lowe, J.J. 2016. Current Capabilities and Capacity of Ebola Treatment Centers in the United States. *Infection Control and Hospital Epidemiology*. 37(3): 313-318. doi: 10.1017/ice.2015.300
 83. ⁺Beam, E.L., Schwedhelm, M.M., Boulter, K.C., Kratochvil, C.J., Lowe, J.J., Hewlett, A., **Gibbs, S.G.**, Smith, P.W. 2016. Personal Protective Equipment Processes and Rationale for the Nebraska Biocontainment Unit during the 2014 Activations for Ebola Virus Disease. *American Journal of Infection Control*. 44: 340-342.
 84. ⁺Jelden, K.C., Iwen, P.C., ⁺Herstein, J.J., Biddinger, P.D., Kraft, C.S., Saiman, L., Smith, P.W., Hewlett, A.L., **Gibbs, S.G.**, Lowe, J.J. 2016. US Ebola Treatment Center clinical laboratory support. *Journal of Clinical Microbiology*. 54(4): 1031-1035. doi:10.1128/JCM.02905-15.
 85. Carey, S.A., Rosenberg-Goldstein, **Gibbs, S.G.**, Claye, E., He, X., Sapkota, A.R. 2016. Occurrence of vancomycin-resistant and -susceptible *Enterococcus spp.* in reclaimed water

used for spray irrigation. *Environmental Research*. 147: 350-355.
doi:10.1016/j.envres.2016.02.030

86. ⁺Su, C., Lau, J., **Gibbs, S.G.** 2016. Student Absenteeism and the Comparisons of Two Sampling Procedures for Culturable Bioaerosol Measurement in Classrooms with and without Upper Room Ultraviolet Germicidal Irradiation Devices. *Indoor and Built Environment*. 25(3): 551-562. doi:10.1177/1420326X14562257
87. ⁺Paccha, B., Neria-Ramirez, V., **Gibbs, S.G.**, Torremorell, M., and Rabinowitz, P. 2016. Swine Worker Precautions During Suspected Outbreaks of Influenza in Swine. *Journal of Environmental Health*. 78(9): 22-26.
88. Paccha, B., Jones, R.M., **Gibbs, S.G.**, Kane, M.J., Torremorell, M., Neria-Ramirez, V., and Rabinowitz, P. 2016. Modeling Risk of Occupational Zoonotic Influenza Infection in Swine Workers. *Journal of Occupational & Environmental Hygiene*. 13(8): 577-587. doi: 10.1080/15459624.2016.1159688.
89. Draid, M.M., Ben-Elhaj, K.M., **Gibbs, S.G.** 2016. Green tea modulates nicotine toxicity on kidneys in Wistar albino rats. *International Journal of Pharma Sciences*. 6(3): 1577-1579.
90. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Hewlett, A.L., Iwen, P.C., Schmid, K.K., Lowe, J.J. 2016. Comparison of hospital room surface disinfection using a novel ultraviolet germicidal irradiation (UVGI) generator. *Journal of Occupational & Environmental Hygiene*. 13(9): 690-698. doi:10.1080/15459624.2016.1166369. **Recipient of American Industrial Hygiene Association's Hazard Prevention and Engineering Controls Committee's Best Paper Award for 2016.**
91. ⁺Beam, E.L., **Gibbs, S.G.**, Hewlett, A., Iwen, P.C., Nuss, S.L., Smith, P.W. 2016. Evaluating isolation behaviors by nurses utilizing mobile computer workstations at the bedside. *Computers, Informatics, Nursing*. 34(9): 387-392. doi:10.1097/CIN.0000000000000248
92. BenDarif, E., Khalil, A., Rayes, A., Bennour, E., Dhawi, A., Lowe, J.J., **Gibbs, S.G.**, Goering, R.V. 2016. Characterization of Methicillin-Resistant *Staphylococcus aureus* Isolated at Tripoli Medical Centre, Libya between 2008 and 2014. *Journal of Medical Microbiology*. 65,1472-1475. doi:10.1099/jmm.0.000384
93. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Hewlett, A.L., Iwen, P.C., Schmid, K.K., Lowe, J.J. 2017. Ultraviolet (UV)-reflective paint with ultraviolet germicidal irradiation (UVGI) improves decontamination of nosocomial bacteria on hospital room surfaces. *Journal of Occupational & Environmental Hygiene*. 14(6): 456-460.
<http://www.tandfonline.com/doi/full/10.1080/15459624.2017.1296231>
doi.org/10.1080/15459624.2017.1296231
94. ⁺Le, A.B., Biddinger, P.D., Smith, P.W., ⁺Herstein, J.J., Levy, D.A., **Gibbs, S.G.**, Lowe, J.J. A Highly Infectious Disease Care Network within the United States Healthcare System. *Health Security*. (Accepted October 2016 for May/June 2017 issue).
95. Herstein, J.J., Biddinger, P.D., **Gibbs, S.G.**, Le, A.B., Jelden, K.C., Hewlett, A., Lowe, J.J. 2017. Sustainability of High-Level Isolation Capabilities among U.S. Ebola Treatment Centers. *Emerging Infectious Diseases*. 23(6): 965-967. DOI: 10.3201/eid2306.170062
96. Rosenberg-Goldstein, R.E., Kleinfelter, L., He, X., Micallef, S.A., George, A., Gibbs, S.G., Sapkota, A.R. 2017. Higher prevalence of coagulase-negative staphylococci carriage among reclaimed water spray irrigators. *Science of the Total Environment*. 595: 35-40.
<http://dx.doi.org/10.1016/j.scitotenv.2017.03.174>
97. Le, A.B., Witter, L., Herstein, J.J., Jelden, K.C., Beam, E.L., **Gibbs, S.G.**, Lowe, J.J. Gap Analysis of the Death Care Sector to Determine Training and Education Needs Pertaining to

Highly Infectious Disease Mitigation and Management. Journal of Occupational & Environmental Hygiene. (Accepted April 2017).

Submitted Publications in Peer Reviewed Scholarly Journals

1. Herstein, J.J., Biddinger, P.D., Gibbs, S.G., Le, A.B., Jelden, K.C., Hewlett, A., Lowe, J.J. High-Level Isolation Unit Infection Control and Personal Protective Equipment Management. Health Security. (Submitted April 2017; Revised May 2017).
2. Kulkarni, P., Olson, N.D., Raspanti, G.A., Rosenberg-Goldstein, R.E., **Gibbs, S.G.**, Sapkota, A., Sapkota, A.R. Antibiotic Concentrations Decrease During Wastewater Treatment But Persist in Reclaimed Water. International Journal of Environmental Research and Public Health. (Submitted May 2017).
3. Le, A.B., Buehler, S.A., Maniscalco, P., Lane, P., Rupp, L., Ernest, E., Von Seggern, D., West, K., Herstein, J.J., Jelden, K.C., Beam, E.L., **Gibbs, S.G.**, Lowe, J.J. Emergency Medical Services Infectious Disease Education & Training Gap Analysis. (Submitted May 2017).
4. Le, A.B., Herron, R., Herstein, J.J., Jelden, K.C., Beam, E.L., **Gibbs, S.G.**, Lowe, J.J., Smith, T.D. A Gap Analysis of United States Aircraft Rescue and Fire Fighting (ARFF) Members to Determine Training and Education Needs Pertaining to Highly Infectious Disease Management and Mitigation. Disaster Medicine and Public Health Preparedness. (Submitted April 2017).

Published Computer-Based Educational Materials

(⁺ Denotes student)

1. **Gibbs, S.G.** [Media Contributor to the Website] In: Freeman, Scott. Biological Science, 1st Ed. New Jersey: Prentice Hall, 2002.
2. **Gibbs, S.G.** [Media Reviewer to the Student CD-ROM] In: Freeman, Scott. Biological Science, 1st Ed. New Jersey: Prentice Hall, 2002.
3. **Gibbs, S.G.** [Media Contributor to the Website] In: Freeman, Scott. Biological Science, 2nd Ed. New Jersey: Prentice Hall, 2003.
4. ⁺Beam, E.L., Smith, S., Boulter, K.C., **Gibbs, S.G.** 2012. PPE: Proper use of Healthcare Personal Protective Equipment. . Copyrighted educational materials. Copyright NIN number is 12070. http://www.youtube.com/watch?v=oxdaSeq4EVU&list=UU-g0YPrNz_XHGNOvi6POoCA&index=18&feature=plcp
5. Gold, J. [Editor-in-Chief] et al., **Gibbs, S.G.** [Associate Editor]. 2014. In: The Nebraska Ebola Method – For Clinicians. Course available up on iTunes U.
6. Gold, J. [Editor-in-Chief] et al., **Gibbs, S.G.** [Associate Editor]. 2014. In: The Nebraska Ebola Method – For Community. Course available up on iTunes U.

Published Proceedings

1. **Gibbs, S.G.** and Scarpino, P.V. Evaluation of Bioaerosols Emitted from Swine Confinement Operations. Proceedings of Ohio Air Pollution Research Symposium. October 25th, 2002. Seagate Convention Center. Toledo, Ohio.
2. LeMone, D. V., **Gibbs, S.G.**, Winston, J.W. 2005. The Problem of Local Response and Mitigation to Nuclear Radiation Dispersal Devices (“Dirty Bombs”) and Sabotage Incidents, Session 22, Radiological Dispersion Devices, Response and Cleanup in Emergency Radiological Situations, Waste Management 2005, 11 p., to be published on CD-ROM (5179), February 27 – March 3, 2005, Tucson, Arizona.

3. LeMone, D. V., **Gibbs, S.G.**, Winston, J.W. 2005. Assessment of the Comparative Risks of Cyber-Terrorism, Chemical Terrorism, Bioterrorism, and Nuclear Terrorism, Waste Management 2005, Session 33, Environmental Remediation, Special Wastes, and Public Communication. 15 p., to be published on CD-ROM (5180), February 27 – March 3, 2005, Tucson, Arizona.

Published Non-peered reviewed Items

1. ⁺Saller, J., ⁺Reyes, P., ⁺Maldonado, P.A., **Gibbs, S.G.**, and Byrd, T. 2006. Pesticides Used in Homes and Farms in El Paso, Texas. “Letter to the Editor”. Southern Medical Journal, **99**(4): 404-405.
2. Swansiger, R.G., Walters, W.A., Isakov, A.P., Gibbs, S.G., Lowe, J.J. 2014. BioContainment Ground Transport Standard Operating Procedures. Office of Medical Services Operational Medicine. United States Department of State.
3. Lowe, J.J., ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Schweldhelm, M., Iwen, P.C., ⁺Beam, E., Kratochvil, C.J., Boulter, K.C., Hewlett, A. 2015. Caring for Patients with Ebola Virus in the Nebraska Biocontainment Unit. Infectious Disease Special Edition. March: 42-44.
4. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Moore, K., Shartar, S. 2016. Healthcare Coalition Tabletop Exercise: Ebola. Retrieved from: <http://netec.org/exercises/>
5. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Moore, K., Sanger, K., Shartar, S. 2016. Regional Ebola and Other Special Pathogen Treatment Center Operational Exercise: Ebola. Retrieved from: <http://netec.org/exercises/>
6. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Moore, K., Sanger, K., Shartar, S. 2016. 2015-2016 Regional Ebola and Other Special Pathogen Treatment Centers Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
7. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Moore, K., Sanger, K., Shartar, S. 2016. 2015-2016 Operational Exercise Ebola Treatment Centers Activation. Retrieved from: <http://netec.org/exercises/>
8. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Madad, S.S., Moore, K., Sanger, K., Shartar, S. 2016. 2015-2016 Ebola Treatment Center Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
9. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Le, A.B., Lowe, J.J., Moore, K., Sanger, K., Shartar, S. 2016. 2015-2016 Ebola Assessment Hospital Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>

10. Department of Health and Human Services, Centers for Disease Control and Prevention, Assistant Secretary for Preparedness and Response, and U.S. Department of Transportation. Development Group Subject Matter expert **Gibbs, S.G.** 2016. Guidance for Developing a Plan for Interfacility Transport of Persons Under Investigation or Confirmed Patients with Ebola Virus Disease in the United States. Retrieved from: <http://www.cdc.gov/vhf/ebola/healthcare-us/emergency-services/interfacility-transport.html>
11. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Madad, S.S., Sanger, K., Shartar, S. 2017. 2016-2017 Frontline Facility Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
12. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., **Gibbs, S.G.**, Madad, S.S., Sanger, K., Shartar, S. 2017. Frontline Facility [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
13. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Le, A.B., Lowe, J.J., Moore, K., Sanger, K., Shartar, S. 2017. Assessment Hospital [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
14. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Sanger, K., Shartar, S. 2017. State-Designated Ebola Treatment Center [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
15. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Sanger, K., Shartar, S. 2017. Regional Ebola and Other Special Pathogens Treatment Center [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
16. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Sanger, K., Shartar, S. 2017. Regional Transport Plan - [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
17. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Sanger, K., Shartar, S. 2017. 2016-2017 Regional Transport Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>
18. National Ebola Training and Education Center, Office of the Assistant Secretary for Preparedness and Response (ASPR), and the Centers for Disease Control and Prevention (CDC). Development group: Beam, E.L., Cagliuso, N.V., Gibbs, S.G., Sanger, K., Shartar, S. 2017. Health Care Coalition [Insert airborne transmissible special pathogen name] Tabletop Exercise. Retrieved from: <http://netec.org/exercises/>

19. Mast, J., Poore, J.A., Stevenson, E., Harter, A., Fawcett, D., Roembke, C., Harden, V., Foster, M.K., Gibbs, S.G., Voris, A., McMasters, M. 2017. An Exercise in the Provision of Care for an Adult Patient under Investigation (PUI) for Ebola: A Patient Care Drill. Virginia Henderson Global Nursing e-Repository. <http://hdl.handle.net/10755/621373>

PRESENTATIONS

(* Denotes speaker for oral presentation; + Denotes student)

1. Meier, J.R., Chang, L.W., Wernsing, P., and **Gibbs, S.** 2000. Indicators of Genetic Damage in Model Stream Fish Using Controlled Laboratory Exposures. Environmental Mutagen Society, New Orleans, LA, April 8-13, 2000.
2. Scarpino, P.V., Quinn, H., ***Gibbs, S.G.**, and Polaczyk, A. 2000. Bioaerosol Distribution Patterns Adjacent to Two Swine-Growing-Finishing Housed Confinement Units in the American Midwest: Present and Future Research Efforts. Poster Session for Managing Nutrients and Pathogens from Animal Agriculture Conference, 2000.
3. ***Gibbs, S.G.** and Scarpino, P.V. 2000. Antibiotic Resistant Bacteria Isolated from the Air of Swine Confinement Operations. Presented at the University of Cincinnati's Advanced Environmental Engineering Seminar, 2000.
4. ***Gibbs, S.G.** and Scarpino, P.V. 2000. Antibiotic Resistant Bacteria Isolated from the Air of Swine Confinement Operations. Presented at the National Institute for Occupational Safety and Health supported Education and Research Center Pilot Project Research Project Symposium, 2000.
5. ***Gibbs, S.G.** 2001. The Fate of Microbes in Wastewater Cross-Connections. Presented at the University of Cincinnati's Advanced Environmental Engineering Seminar, Spring 2001.
6. ***Gibbs, S.G.** 2001. Investigations of Bioaerosols In and Around Swine Confinement Operations. Presentation to National Institute for Occupational Safety and Health supported Education and Research Center Pilot Project Research Project Symposium, October 12, 2001.
7. ***Gibbs, S.G.** 2001. Antibiotic Resistant Bacteria Isolated from Bioaerosols of Confined Animal Feeding Operations. Presented at the United States Environmental Protection Agency's/University of Cincinnati's Graduate Seminars on the Environment, October 26, 2001.
8. ***Gibbs, S.G.** and Scarpino, P.V. 2002. Farm Worker Exposure to Antibiotic Resistant Bacterial Aerosols Recovered Upwind, Inside, and Downwind of Two Swine Herd Confined Animal Feeding Operations (CAFOs). Presented at the Ohio Air Quality Development Authority--Ohio Air Pollution Research Symposium, October 25, 2002.
9. ***Gibbs, S.G.**, Meckes, M., and Scarpino, P.V. 2002. A Long-Term Wastewater Cross-Connection's Effect on the Biofilm of a Simulated Water Distribution System. Presented at the Ohio River Basin Consortium for Research and Education's 18th Annual Scientific Symposium, November 6-8, 2002.
10. ***Gibbs, S.G.** and Scarpino, P.V. 2002. Aquatic Stressors from Confined Animal Feeding Operations (CAFOs). Presented at the Ohio River Basin Consortium for Research and Education's 18th Annual Scientific Symposium, November 6-8, 2002.
11. ***Gibbs, S.G.** 2003. A Long-Term Wastewater Cross-Connection's Effect on the Biofilm of a Simulated Water Distribution System. Presented at the University of Texas at El Paso, Department of Biology. August 29, 2003.

12. ***Gibbs, S.G.** 2003. Biofilms, Bioaerosols, and Other Things that Start with BIO that No One Else Cares About. Presented at the University of Texas Health Science Center at Houston School of Public Health Seminar Series. September 12, 2003.
13. ***Gibbs, S.G.** 2003. Biofilms. University of Texas at El Paso, Department of Environmental Engineering and Science Seminar. October 1, 2003.
14. *⁺ Mota, L.C. and **Gibbs, S.G.** 2004. Discussion of Journal Article: Residential Pesticide Use During Pregnancy among a Cohort of Urban Minority Women. Presented at the University of Texas Health Science Center at Houston School of Public Health Seminar Series. February 25, 2004.
15. *Mulla, Z. and **Gibbs, S.G.** 2004. Flesh-Eating Bacteria: Immunogenetics and Clinical Epidemiology. Presented at the University of Texas Health Sciences Center at Houston; Graduate School of Biomedical Sciences, Seminar in Genetics & Population Biology. Houston, Texas. September 13, 2004.
16. ***Gibbs, S.G.** 2004. Protecting Your Family and Indoor Air Quality. Presented at the Promoting a Clean Environment for Health Kids. Farmworker Justice Fund, Inc. El Paso, Texas. September 21, 2004.
17. **Gibbs, S.G.**, Meckes, M.C., Green, C.F., and Scarpino, P.V. 2004. Evaluation of Inhibition of Study Organisms by Existing Drinking Water Biofilm. Presented at the University of Texas Health Science Center at Houston Research Day. Houston, Texas. November 18, 2004.
18. Mulla Z.A. and **Gibbs, S.G.** 2004. Caucasians Fare Worse than Blacks after Hospitalization for Invasive Group A Streptococcal Disease. Presented at the University of Texas Health Science Center at Houston Research Day. Houston, Texas. November 18, 2004.
19. *Mulla Z.A. and **Gibbs, S.G.** 2005. Caucasians Fare Worse than Blacks after Hospitalization for Invasive Group A Streptococcal Disease. Presented at the American Academy of Allergy and Asthma and Immunology 61st Annual Meeting. San Antonio, Texas March 18-March 22, 2005. Supplement to The Journal of Allergy and Clinical Immunology, 115(2): S252.
20. LeMone, D. V., **Gibbs, S.G.**, and Winston, J.W. 2005. The Problem of Local Response and Mitigation to Nuclear Radiation Dispersal Devices (“Dirty Bombs”) and Sabotage Incidents, Presented at the Waste Management 2005, Session 22, Radiological Dispersion Devices, Response and Cleanup in Emergency Radiological Situations, February 27 – March 3, 2005, Tucson, Arizona.
21. LeMone, D. V., **Gibbs, S.G.**, and Winston, J.W. 2005. Assessment of the Comparative Risks of Cyber-Terrorism, Chemical Terrorism, Bioterrorism, and Nuclear Terrorism, Presented at the Waste Management 2005, Session 33, Environmental Remediation, Special Wastes, and Public Communication, February 27 – March 3, 2005, Tucson, Arizona.
22. LeMone, D. V., **Gibbs, S.G.**, and Winston, J.W. 2005. Assessment of the Comparative Risks of Unconventional Terrorism. Presented at the U.S.-Mexico Border Health and Infectious Disease Surveillance Conference from July 26-July 29, 2005, Camino Real Hotel, El Paso, Texas.
23. *Sobieraj, J.A., Steele, H., Harris, M.D., **Gibbs, S.G.**, Melchor, O., and Tarwater, P. 2005. Hearing Acuity Differences within Army Components Impacting Soldier Deployability. Presented at the 8th Annual Force Health Protection Conference, Louisville, Kentucky, 9-12 August, p. 208.

24. ***Gibbs, S.G.** 2005. Bioaerosol Plume of Confined Animal Feeding Operations. Presented at the University of Texas at El Paso, Department of Engineering and Science. August 31, 2005.
25. ***Gibbs, S.G.** 2005. Antibiotic Resistant Bacteria Isolated from the Bioaerosol Plume of Confined Animal Feeding Operations. Presented at The Ohio State University School of Public Health Symposium Series. M008, Starling-Loving Hall. September 20, 2005.
26. LeMone, D. V., **Gibbs, S.G.**, and Winston, J.W. 2006. The National Response Plan and the Problems in the Evaluation and Assessment of the Unconventional Modes of Terrorism, Presented at the Waste Management 2006, Session 33, Environmental Remediation, Special Wastes, and Public Communication, February 26 – March 2, 2006, Tucson, Arizona.
27. ***Gibbs, S.G.** 2006. Cross-Connections in Potable Water Distribution Systems. Presented at the Community Association of Professionals in Infection Control. El Paso, Texas. April 28, 2006, Texas Department of State Health Services Building.
28. Aronoff, D.M., **Gibbs, S.G.**, and Mulla, Z.D. Correlates of Length of Stay, Cost of Care, and Mortality among Patients Hospitalized for Necrotizing Fasciitis. Presented at the 44th Annual Meeting of the Infectious Diseases Society of America, Toronto, Ontario, Canada, October 12-15, 2006
29. ***Gibbs, S.G.**, Thomas, J., ⁺Martinez, C., ⁺Gandara, A., ⁺Flores, C., ⁺Lozano, R., Green, C.F., Tarwater, P.M., and Ross, T. Evaluation of Microorganisms from Confined Animal Feeding Operations on the U.S.-Mexico Border. Presented at the Center for Border Health Research Meet & Mix Reception. El Paso, Texas, University of Texas at El Paso, Morgan-Roderick Auditorium, October 25, 2006.
30. ***Gibbs, S.G.**, Green, C.F., ⁺Mota, L.C., Mena, K.D., Tarwater, P.M., and Scarpino, P.V. Bioaerosol Migration from Confined Animal Feeding Operations. Presented at the Air Pollution Department Symposium, National Research Centre, Dokki, Giza, Egypt, November 1, 2006.
31. ***Gibbs, S.G.**, Green, C.F., ⁺Mota, L.C., Tarwater, P.M., Mena, K.D., Gandara, A., ⁺Flores, C., Perez, H.R., and Scarpino, P.V. Bioaerosols: An Introduction and Overview of Some Current Research. Presented at the Department of Botany and Microbiology Symposium, Faculty of Science, Cairo University, Dokki, Giza, Egypt, November 9, 2006.
32. ***Gibbs, S.G.**, Green, C.F., ⁺Mota, L.C., Tarwater, P.M., Mena, K.D., Gandara, A., ⁺Flores, C., Perez, H.R., and Scarpino, P.V. Bioaerosols: An Introduction and Overview of Some Current Research. Presented at the Department of Botany Symposium, Faculty of Science, Mansoura University, Mansoura, Dakahlyia Governorate, Egypt, November 26, 2006.
33. ***Gibbs, S.G.**, Meckes, M.C., Green, C.F., and Scarpino, P.V. Biofilms in Drinking Water Distribution Systems. Presented at the National Research Centre Symposium, Dokki, Giza, Egypt, November 29, 2006.
34. ⁺ Mota, L.C., **Gibbs, S.G.**, Tarwater, P.M., Ortiz, M. and Green, C.F. Speciation of Fungal Concentrations from Indoor and Outdoor Air Samples Taken from an Arid Environment. Presented at the Rio Grande Branch of the American Society of Microbiology Annual Meeting, El Paso, Texas, University of Texas at El Paso, Union Building East- 3rd floor, Tomás Rivera Conference Room, 26-27 January 2007. (**Linda C. Mota was awarded “Best Poster Presentation”**)
35. ***⁺ Gandara, A., ⁺Mota, L.C., ⁺Flores, C, Perez, H.R., Green, C.F., and Gibbs, S.G.** Isolation of *Staphylococcus aureus* and Antibiotic Resistant *Staphylococcus aureus* from Residential Indoor and Outdoor Bioaerosols. Presented at the Rio Grande Branch of the American

- Society of Microbiology Annual Meeting, El Paso, Texas, University of Texas at El Paso, Union Building East- 3rd floor, Tomás Rivera Conference Room, January 26-27, 2007.
36. LeMone, D. V., LeMone, K., **Gibbs, S.G.**, and Winston, J.W. 2007. The Impact of the Native American Infrastructure on National Security- 7437, Presented at the Waste Management 2007 “Global Accomplishments in Environmental and Radioactive Waste Management”, Session 58, Worldwide Management of Spent and Disused Radioactive Sealed Sources, February 25 – March 1, 2007, Tucson, Arizona.
 37. Hurd, W.W., **Gibbs, S.G.**, and Rudinsky, K. Myometrial Prostaglandin Production is Modulated by Changes in Length. Presented at the Society for Gynecologic Investigation 54th Annual Scientific Meeting, Reno, Nevada, March 14-17, 2007.
 38. ⁺Flores, C.M., ⁺Mota, L.C., Tarwater, P.M., Green, C.F., Mena, K.D., Balcazar H.G., and **Gibbs S.G.** Evaluation of Respiratory Symptoms and Their Possible Association with Residential Indoor Bioaerosol Concentrations and Other Environmental Influences. Presented at the University of Texas at El Paso Chapter of the Society for Advancement of Chicanos and Native Americans in Science (SACHNAS) Research Exposition 2007, University of Texas at El Paso, April 20, 2007.
 39. ⁺* Gandara, A., ⁺Mota, L.C., ⁺Flores, C, Perez, H.R., Green, C.F., and **Gibbs, S.G.** Isolation of *Staphylococcus aureus* and Antibiotic Resistant *Staphylococcus aureus* from Residential Indoor and Outdoor Bioaerosols. Presented at the University of Texas at El Paso Chapter of the Society for Advancement of Chicanos and Native Americans in Science (SACHNAS) Research Exposition 2007, University of Texas at El Paso, April 20, 2007.
 40. ***Gibbs, S.G.** 2007. EPA Fellowships: Applying & the Review Process. Presented at the University of Texas at El Paso, Department of Engineering and Science. September 28, 2007.
 41. ***Gibbs, S.G.** 2007. The Air We Breathe: Is It Healthy? Presented at the Center for Integrative Cancer Medicine. November 8, 2007.
 42. LeMone, D. V., **Gibbs, S.G.**, and Winston, J.W. 2008. Uraniferous Phosphates: Resources, Security Risk, or Contaminant- 8476, Presented at the Waste Management 2008 February 24 -28, 2008, Phoenix, Arizona.
 43. ***Gibbs, S.G.** 2008. Isolation of *Staphylococcus aureus* and Antibiotic Resistant *Staphylococcus aureus* from Residential Indoor Bioaerosols. US-Mexico Border Infectious Disease Forum. El Paso, Texas. Texas Tech Health Sciences Center Paul L. Foster School of Medicine. April 25, 2008
 44. ***Gibbs, S.G.** 2008. Residential Bioaerosols in an Arid Environment. Presented at Old Dominion University, School of Community and Environmental Health. May 11, 2008.
 45. ***Gibbs, S.G.** 2008. Isolation of *Staphylococcus aureus* and Antibiotic Resistant *Staphylococcus aureus* from Residential Indoor Bioaerosols. Presented at The University of Texas School of Public Health Division of Environmental & Occupational Health Sciences Research Seminar Series. Houston, Texas. May 16, 2008.
 46. ***Gibbs, S.G.** 2008. Residential Bioaerosols in an Arid Environment. Presented at the University of Texas at El Paso, College of Health Sciences. May 21, 2008.
 47. ***Gibbs, S.G.** 2008. Residential Bioaerosols in an Arid Environment. Presented at University of Maryland, Department of Environmental Science and Technology. June 9, 2008.
 48. ***Perez, H.R., *Gibbs, S.G.** 2008. Assessment, Interpretation and Reporting of Bioaerosol Sampling Results. Presented at the Indoor Air Quality section, 2008 Annual Education Conference & Exhibition. Tucson, Arizona from June 22-25, 2008.

49. ***Gibbs, S.G.** 2008. Residential Bioaerosols in an Arid Environment. Presented at University of Nebraska Medical Center, College of Public Health, Department of Environmental, Agricultural, & Occupational Health. July 7, 2008.
50. Anders, R., Ibarra, J., **Gibbs, S.G.**, Camilletti, C.R. 2009. Understanding Cardiovascular Risk Factors and Diabetes in Relationship to Socioeconomic Class and Race. 20th International Nursing Research Congress Focusing on Evidence-Based Practice. Vancouver, British Columbia, Canada from July 13-17, 2009
51. Anders, R., Shedlin, M., Balcazar, H., **Gibbs, S.G.**, Navarro, S. 2009. Hispanic Health Disparities Research Center: Reducing Health Disparities on the US-Mexico Border through Development of the New Generation of Health Researchers. United States-Mexico Border Health Association. 67th ANNUAL MEETING "Human Security: A New Border Response". El Paso, Texas from June 3-5, 2009
52. ***Gurian, P.**, Camacho, G., Mena, K., **Gibbs, S.G.**, Park, J., Cook, S., Corella-Barud, V., and Barud, A. 2009. Evaluating Small-Scale Drinking Water Disinfection Methods. Association of Environmental Engineering and Science Professors Grand Challenges in Environmental Engineering and Science Conference, Iowa City, Iowa. July 28, 2009.
53. ***Rosmann, M.R.**, Beseler, C.L., ***Gibbs, S.G.**, Kolok, A.S., and Stucker, S. 2009. Focus Group Report: Agricultural Environmental Health Literacy Project. 2009 Midwest Rural Agricultural Safety & Health Forum, Stoney Creek Inn, Johnston, IA. November 18-19, 2009.
54. Rosenberg, R.E., Sapkota, A, Gibbs, S.G., Joseph, S.W., and Sapkota, A.R. 2009. Irrigation Workers' Exposures to Antimicrobial-Resistant Bacteria and Antimicrobials Present in Reclaimed Wastewater (#208267). APHA 137th Annual Meeting and Expo. Philadelphia, PA. November 7-11, 2009. ***Winner of the American Public Health Association (APHA) Environment Section's Student Achievement Poster award.***
55. Von Essen, S., Moore, G., **Gibbs, S.G.**, and Leedom-Larson, K. 2010. Expert Panel: *Respiratory Issues in Confined Animal Feed Operations*. 2010 ASHCA - NIOSH Conference: Be Safe Be Profitable: Protecting Workers in Agriculture. Dallas, TX. January 26-January 28.
56. ***Gibbs, S.G.** 2010. Indoor Air Quality: How to Address Patient Concerns. Omaha Lead & Healthy Homes Conference. Milo Bail Student Center, Omaha, Nebraska. March 15-16, 2010.
57. Beam, E., **Gibbs, S.G.**, & Smith, P. 2010. Assessing Isolation Care in Healthcare Workers. Fifth Decennial International Conference on Healthcare-Associated Infections 2010, Atlanta, GA. March 18-19, 2010
58. Rosenberg-Goldstein, R.E., Micallef, S.A., George, A., Sapkota, A, **Gibbs, S.G.**, Joseph, S.W., and Sapkota, A.R. 2010. Reductions of methicillin-resistant *Staphylococcus aureus* and vancomycin-resistant *Enterococcus* spp. At a U.S. tertiary wastewater treatment plant. (Poster). 110th General Meeting American Society for Microbiology. San Diego, CA. May, 2010.
59. ***Gibbs, S.G.** 2010. Everyday Environmental Hazards Community Discussion Groups. UNMC Sponsored Simply Science. North Platte and Ogallala, Nebraska. May 25-27, 2010.
60. ***Gibbs, S.G.** 2010. Emerging Technologies in Water and Wastewater Treatment. Basic Industries Group Workshop. Cornell Club, New York, New York. June 10, 2010
61. ***Gibbs, S.G.** 2010. Emerging Technologies in Water and Wastewater Treatment. Basic Industries Group Workshop. Harvard Club, Boston, Massachusetts. June 11, 2010.

62. ***Gibbs, S.G.** 2010. Environmental Hazards Community Discussion Groups. UNMC Science Cafe. Omaha, Nebraska. July 13, 2010.
63. ***Rosenberg-Goldstein, R.E., Micallef, S.A., George, A., Gibbs, S.G., Sapkota, A, Joseph, S.W., and Sapkota, A.R.** 2011. Evaluating occupational exposures to antibiotic-resistant bacteria from wastewater reuse. Water and Health: Where Science Meets Policy 2010 Conference, University of North Carolina at Chapel Hill, Chapel Hill, NC, October 2010.
64. **Rosenberg-Goldstein, R.E., Micallef, S.A., George, A., Gibbs, S.G., Sapkota, A, Joseph, S.W., and Sapkota, A.R.** 2011. Survival of Methicillin-resistant Staphylococcus aureus in Secondary Treated Wastewater. (#2821). 111th General Meeting American Society for Microbiology. New Orleans, LA. May 21-24, 2011.
65. ***Gibbs, S.G.** 2011. Occupational Health in Pork Production. National Porkboard--Public Health and Producer Safety Subcommittee. Indianapolis, Indiana. July 19, 2011.
66. ***Gibbs, S.G.** 2011. Environment Sampling: Bioaerosols. George Washington University Department of Environmental Health's Departmental Seminar. Washington, DC. September 8, 2011.
67. ***Gibbs, S.G.** 2011. Environment & Ecology of MRSA and Animals. 2nd ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications. Washington, DC. September 8-11, 2011.
68. ***Gibbs, S.G.** 2011. Environmental Effects of Natural Disasters: What You Need To Know. Webinar presentation for the Center for Preparedness Education a Joint Endeavor between Creighton University School of Medicine and University of Nebraska Medical Center. September 29, 2011 from 10:00am to 12:00pm via Webinar.
69. ***Rosenberg-Goldstein, R.E., Micallef, S.A., George, A., Gibbs, S.G., Sapkota, A, Joseph, S.W., and Sapkota, A.R.** 2011. Assessing an alternative water source: Evaluation of methicillin-resistant Staphylococcus aureus in secondary treated wastewater used for spray irrigation in Nebraska. Water and Health: Where Science Meets Policy 2011 Conference, University of North Carolina at Chapel Hill, Chapel Hill, NC, October 2011.
70. **Hewlett, A., Whitney, S.E., Gibbs, S.G., Viojen, H.J., Smith, P.W.** 2011. Mathematical Modeling of Pathogen Trajectory in a Patient Care Environment--#312. Infectious Diseases Society of America Annual Meeting 2011, Poster Abstract Session: Assessing and Reducing Infection Risk, Friday, October 21, 2011. Boston, Massachusetts. October 19-23, 2011.
71. **+Colbert, E.M., Henkel, B.L., Gibbs, S.G., Schmid, K.K, Jacobsen, C.** 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood Impacted and Non-Flood Impacted Domestic Wells. Wellhead Protection Network. Lincoln, Nebraska. February 3, 2012.
72. ***Gibbs, S.G.** 2012. After the flood waters recede. 10th Annual Preparedness Symposia. Center for Preparedness Education, University of Nebraska Medical Center and Creighton University Health Sciences Continuing Education. Gering, Nebraska. April 10-11, 2012.
73. ***Gibbs, S.G.** 2012. Environmental Hazards Community Discussion Groups. UNMC Science Cafe. Scottsbluff, Nebraska. April, 10, 2012.
74. ***Gibbs, S.G.** 2012. Environmental Bioaerosol Sampling in Food Production. Nebraska Association for Food Protection Meeting. Omaha, Nebraska. April, 18, 2012.
75. ***Gibbs, S.G, *Lowe, J.J. +, Hewlett, A.L., Smith, P.W.** 2012. Bedbug Mitigation in Hospitals. Omaha Area Hospital Safety Officers. Nebraska Safety Council. Omaha, Nebraska. April 20, 2012.
76. ***+Colbert, E.M., Henkel, B.L., Gibbs, S.G., Schmid, K.K, Jacobsen, C.** 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood

- Impacted and Non-Flood Impacted Domestic Wells. Nebraska Ground Water Monitoring Advisory Committee. Lincoln, Nebraska. May 2, 2012.
77. ***Gibbs, S.G.** 2012. After the flood waters recede. 10th Annual Preparedness Symposia. Center for Preparedness Education, University of Nebraska Medical Center and Creighton University Health Sciences Continuing Education. La Vista, Nebraska. June 14th, 2012.
 78. ***Gibbs, S.G.** 2012. After the flood waters recede. 10th Annual Preparedness Symposia. Center for Preparedness Education, University of Nebraska Medical Center and Creighton University Health Sciences Continuing Education. Kearney, Nebraska. July 24th, 2012.
 79. Farrell, T., ***Gibbs, S.G.**, Mathews, J., Danford, C., Passerelli, P. 2012. Demystifying the Fulbright Application: Fulbright Scholars Share Their Experiences. Midwest Global Health Conference. UNMC's International Health and Medical Education and the Student Alliance for Global Health. Omaha, Nebraska. September 8th, 2012.
 80. ***Gibbs, S.G.** 2012. Environmental Health Opportunities and Research at UNMC. Nebraska Environmental Health Association. Fall Educational Conference. Mahoney State Park, Main Lodge. October 24, 2012.
 81. Patel, K.S.⁺, Achutan, C., Chandel, D.S., **Gibbs, S.G.**, Panigrahi, P. 2012. Bacterial Diversity in Bioaerosols from Two Petting Zoos. 140th APHA Annual Meeting, Oct 27-31, 2012 at San Francisco, Ca. October .29, 2012 from 10:30-11:30am. **Awarded Best Student Poster from the Environmental Section of APHA.**
 82. *⁺Colbert, E.M., Henkel, B.L., **Gibbs, S.G.**, Schmid, K.K, Jacobsen, C. 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood Impacted and Non-Flood Impacted Domestic Wells. Iowa Environmental Health Association. Marshalltown, Iowa. October 23, 2012.
 83. **Gibbs, S.G.** 2012. Session Moderator for "5007.0 Poster Session: Innovations in School of Public Health: Replenishing the workforce while averting a crisis." 140th APHA Annual Meeting, Oct 27-31, 2012 at San Francisco, Ca. October 31, 2012: 8:30- 9:30am.
 84. ⁺Colbert, E.M., Henkel, B.L., **Gibbs, S.G.**, Schmid, K.K, Jacobsen, C. 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood Impacted and Non-Flood Impacted Domestic Wells. Water: Science, Practice and Policy Symposium. Lincoln, Nebraska. November 13, 2012.
 85. ⁺Colbert, E.M., Henkel, B.L., **Gibbs, S.G.**, Schmid, K.K, Jacobsen, C. 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood Impacted and Non-Flood Impacted Domestic Wells. Midwest Rural Agricultural Safety & Health Conference. Cedar Rapids, IA. November 14, 2012.
 86. ***Gibbs, S.G.** 2012. Participation in Occupational Health Investigations. *Universidad de la República*, College of Medicine. Montevideo, Uruguay. November 14, 2012.
 87. ***Gibbs, S.G.** 2012. Biological Indicators in Occupational Health. *Universidad de la República*, College of Medicine. Montevideo, Uruguay. November 15, 2012.
 88. ***Gibbs, S.G.** 2012. Advances in Industrial Hygiene. *Universidad de la República*, College of Medicine. Montevideo, Uruguay. November 16, 2012.
 89. *⁺Colbert, E.M., Henkel, B.L., **Gibbs, S.G.**, Schmid, K.K, Jacobsen, C. 2012. Comparison of Water Quality Assessments and Survey-Based Health Assessments between Flood Impacted and Non-Flood Impacted Domestic Wells. Nebraska Department of Environmental Quality, Popcorn Presentations Series. Lincoln, Nebraska. November 29, 2012.

90. ***Gibbs, S.G.** 2013. Emergency Preparedness and the Zombie Apocalypse. Omaha Community Playhouse following their presentation of “Evil Dead: The Musical”. Omaha, Nebraska. February 17, 2013.
91. ***Gibbs, S.G.** 2013. How Infection Spreads from Zombies. Omaha Community Playhouse following their presentation of “Evil Dead: The Musical”. Omaha, Nebraska. March 3, 2013.
92. ***Gibbs, S.G.** 2013. Introduction to Exposure Assessment. Third Annual Joint ICS, Operation Hope, World Surgical Foundation & AHPBA State-of-the-Art Surgical & Medical Symposium. Sulaymani, Kurdistan, Iraq. March 13-16, 2013.
93. ***Gibbs, S.G.** 2013. Preparing for the Zombie Apocalypse or Other Events Slightly More Likely. University of Nebraska College of Public Health Grand Rounds. Omaha, Nebraska. April 3, 2013.
94. ***Gibbs, S.G.** 2013. How to Use Environmental Sampling to Investigate Respiratory Disease Related to Indoor Air Quality Problems. American College of Chest Physicians Occupational and Environmental Lung Disease Conference 2013. June 21-23, 2013.
95. *Carlsten, C., *Mohr, L.C., ***Gibbs, S.G.**, Von Essen, S. 2013. Panel Discussion: Audience Case Presentations, Q&A. American College of Chest Physicians Occupational and Environmental Lung Disease Conference 2013. June 21-23, 2013.
96. Neira-Ramirez, V., Torremorell, M., Rabinowitz, P., Paccha, B., **Gibbs, S.G.** 2013. Poster: Dynamics of Influenza A Virus in Aerosols from Swine Farms. 2013 Allen D. Leman Swine Conference, September 14-September 17 at St. Paul River Centre, St. Paul, Minnesota.
97. †Beam, E., **Gibbs, S.G.** 2013. Abstract 276929: Investigating Infection Control Behavior in Nurses: Determinants of donning and doffing errors. 141st APHA Annual Meeting, November 2 - November 6, 2013 at Boston, MA. Session 3304.1: Poster Session: Special populations of workers. November 4, 2013: 2:30-3:30 pm.
98. †Beam, E., **Gibbs, S.G.** 2013. Abstract 276904: Investigating Infection Control Behavior in nurses: Impact of computer charting. 141st APHA Annual Meeting, November 2 - November 6, 2013 at Boston, MA. Session 2038.0: Poster Session: Infectious Disease Monitoring and Prevention. November 3, 2013: 2:30 -3:30 pm.
99. **Gibbs, S.G.** 2013. Session Moderator for “Session 4301.0 Environmental justice: New Approaches to Screening, Response, Practice, and Politics.” 141st APHA Annual Meeting, November 2 - November 6, 2013 at Boston, MA. Tuesday, November 5, 2013: 2:30 PM - 4:00 PM
100. *Donnelly, A., ***Gibbs, S.G.** 2014. Learning from UNMC’s Master Teachers. UNMC Faculty Development Series. January 9, 2014.
101. *Von Essen, S., ***Gibbs, S.G.** 2014. Dampness and Mold in Indoor Spaces: How Much is Too Much. Grand Rounds for University of Nebraska Medical Center, College of Medicine, Department of Internal Medicine. January 24, 2014.
102. *Von Essen, S., ***Gibbs, S.G.** 2014. Indoor Air Issues. Grand Rounds for University of Nebraska Medical Center, College of Medicine, Department of Otolaryngology - Head & Neck Surgery. February 19, 2014.
103. Smith P.W., Hewlett A.H., **Gibbs S.G.**, Lowe J.J. 2014. Omaha Airport Authority/Nebraska Biocontainment Unit MERS Coronavirus Update. Omaha, NE. June 3, 2014.
104. *Boulter, K., Hewlett, A., Schwedhelm, S., Lowe, J., Beam, E., Gibbs, S.G., Smith, P.W. The Nebraska Biocontainment Patient Care Unit. Association for Professionals in Infection

- Control and Epidemiology- APIC Annual Conference 2014, June 7-9, 2014 at Anaheim, CA. June 8, 2014: 12:30PM-1:30PM. American Journal of Infection Control. 42(6):S148-S-149.
105. Sapkota, A.R., Kulkarni, P.*, Claye, E., Rosenberg-Goldstein, R., **Gibbs, S.G.**, Pop, M., Cummings, M., Maddox, C., Mongodin, E.F. Evaluating the Bacterial Microbiota of Reclaimed Water Using Next-Generation Sequencing. Poster Presentation. 2014 Water and Health Conference: Where Science Meets Policy, University of North Carolina Water Institute, Chapel Hill, NC, October 2014.
 106. *Lowe, J.J., *Rupp, L., ***Gibbs, S.G.** 2014. International teleconference on Ebola. Paramedic Chiefs of Canada International Webinar Discussion on Ebola. Thursday, October 16, 2014: 12:00-1:00pm.
 107. *Smith, P.W., *Schwedhelm S.S., ***Gibbs, S.G.**, *Lowe, J.J., *Kratovichil, C.J., *Bayles, K.W. 2014. Ebola Facility Preparation, Training, Treatment, Protection, Communications and Lessons Learned. Office of the Army Surgeon General, October 24.
 108. *Lowe J.J., *Rupp Jr. L.E., ***Gibbs S.G.** 2014. EMS: Transportation, Planning, Policies & Decontamination. Webinar presentation for the Center for Preparedness Education a Joint Endeavor Between Creighton University School of Medicine and University of Nebraska Medical Center, Omaha, NE, November 13, 2014 from 12:00pm to 1:00pm via Webinar.
 109. *Lowe, J.J., ***Gibbs, S.G.** 2014. "Patient Transportation" Centers for Disease Control and Prevention, Training Course for Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on November 15-16.
 110. *Lowe, J.J., ***Gibbs, S.G.** 2014. "Ebola Environmental Infection Control" Centers for Disease Control and Prevention, Training Course for Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on November 15-16.
 111. **Gibbs, S.G.** 2014. Session Moderator for "Session 4029.1 Infections and Diseases by Mother Nature." 142nd APHA Annual Meeting, November 15 - November 19, 2014 at New Orleans, LA. Tuesday, November 18, 2014: 8:30-10:00am.
 112. [†]Beam, E., **Gibbs, S.G.**, Hewlett, A., Nuss, Suzanne, Iwen, P., Smith, P.W. 2014. Abstract 298290: Variations in infection control practice among Registered Nurses: Investigating best practices. 142nd APHA Annual Meeting, November 15 - November 19, 2014 at New Orleans, LA. Session 5017.0: Poster Session: Interesting OHS Topics V. November 19, 2014: 8:30-9:30am.
 113. ***Gibbs, S.G.** and *Lowe, J.J. Managing Patient Waste, and Cleaning Patient Rooms and Other Areas. Webinar presentation for the Center for Preparedness Education a Joint Endeavor Between Creighton University School of Medicine and University of Nebraska Medical Center, Omaha, NE. November 25, 2014 from 12:30pm to 1:30pm via Webinar.
 114. *Lowe, J.J., ***Gibbs, S.G.** 2014. "Pediatric Ebola Patient Transportation" Centers for Disease Control and Prevention, Training Course for Pediatric Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on December 15-16.
 115. *Lowe, J.J., ***Gibbs, S.G.** 2014. "Pediatric Ebola Environmental Infection Control" Centers for Disease Control and Prevention, Training Course for Pediatric Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on December 15-16.
 116. *Lowe, J.J., ***Gibbs, S.G.** 2015. "Biocontainment Patient Transportation" Centers for Disease Control and Prevention, Training Course for Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on January 8-9, January 13-14.

117. *Lowe, J.J., ***Gibbs, S.G.** 2015. “Ebola Environmental Infection Control” Centers for Disease Control and Prevention, Training Course for Ebola Treatment Facilities, University of Nebraska Medical Center, Omaha, NE, on January 8-9 and January 13-14
118. ***Gibbs, S.G.** 2015. Agricultural Safety and Health Council of America Round Table on Ongoing and Emerging Occupational Safety and Health Issues Affecting U.S. Agriculture. Texas Cattle Feeders Association at Amarillo, Texas. February 19, 2015: 7:30am-3:30pm.
119. ***Gibbs, S.G.**, Boulter, K.C., Jelden, K.C., Lowe, J.J., and Emory University Biocontainment Unit. 2015. Managing the Deceased. Centers for Disease Control and Prevention Subject Matter Expert Call for Ebola Treatment Centers with Experts from Nebraska Biocontainment Unit and Emory University. National Call on March 18, 2015 at 2:00-3:00pm.
120. ***Gibbs, S.G.**, *Lowe, J.J., and Emory University Biocontainment Unit. 2015. Waste Management and Infection Control. Centers for Disease Control and Prevention Subject Matter Expert Call for Ebola Treatment Centers with Experts from Nebraska Biocontainment Unit and Emory University. National Call on March 23, 2015 at 1:00-2:00pm.
121. ***Gibbs, S.G.** 2015. Design Considerations Related to Patient Isolation and Containment. Healthcare Facility Response & Design for Highly Pathogenic Infectious Diseases. Eagleson Institute, HDR, and APIC. Atlanta, GA. April 9, 2015: 4:15pm-5:00pm.
122. ***Gibbs, S.G.**, *Owens, J., *Griffith, N., *Fitzgerald, M., *McCullough, C., *Olinger, P. 2015. Discussion Panel: Protocols for Personal Healthcare Worker Protection. Healthcare Facility Response & Design for Highly Pathogenic Infectious Diseases. Eagleson Institute, HDR, and APIC. Atlanta, GA. April 9, 2015: 11:00am-2:00pm.
123. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Schwedhelm, M.M., Iwen, P.C., Beam, E.L., Kratochvil, C.J., Boulter, K.C., Hewlett, A.L., Lowe, J.J. Caring for patients with Ebola virus: Nebraska Biocontainment Unit student perspective. Poster presentation at the University of Nebraska Medical Center, College of Public Health Student Research Conference, Omaha, Nebraska. April 10, 2015.
124. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Schwedhelm, M.M., Iwen, P.C., Beam, E.L., Kratochvil, C.J., Boulter, K.C., Hewlett, A.L., Lowe, J.J. Ebola patient transport and discharge: Nebraska Biocontainment Unit considerations in environmental infection control. Poster presentation at the University of Nebraska Medical Center, College of Public Health Student Research Conference, Omaha, Nebraska. April 10, 2015.
125. ***Gibbs, S.G.** 2015. Nebraska Biocontainment Unit. The Maiben Keynote Lecture. 125th annual meeting of the Nebraska Academy of Sciences. Nebraska Wesleyan University; Lincoln, Ne. April 17, 2015: 11:00am-2:00pm.
126. ***Gibbs, S.G.**, *Lowe, J.J. 2015. Nebraska Biocontainment Unit Environmental Impact. The Keynote Lecture. Nebraska Water Environment Association’s (NWEA) Great Plains Conference. LaVista Conference Center, LaVista, NE. April 23, 2015: 12:00pm-1:00pm.
127. ⁺Herstein, J.J. ⁺Jelden, K.C., Kraft, C., Biddinger, P., Saiman, L., **Gibbs, S.G.**, Lowe, J.J. 2015. Abstract 337953: Ebola Treatment Center Inventory of Capabilities: Regional Centers. 143rd APHA Annual Meeting, October 31-November 4, 2015 at Chicago, Ill. Session 5017.0: Delta Omega Poster Session I Monday, November 2, 2015: 12:30 PM-1:30 PM. **Awarded Student Poster Award from the Delta Omega Section of APHA.**
128. ⁺Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Iwen, P.C., Lowe, J.J. 2015. Abstract 327875: Accelerated hospital room decontamination by ultraviolet germicidal irradiation (UVGI) paired with UV-reflective wall coating. 143rd APHA Annual Meeting, October 31-

- November 4, 2015 at Chicago, Ill. Session 4295.0: Public Health Project Roundtable Tuesday, November 3, 2015: 2:30 PM-4:00 PM.
129. [†]Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Iwen, P.C., Lowe, J.J. 2015. Abstract 327875: Limitations of ultraviolet germicidal irradiation (UVGI) in hospital room disinfection. 143rd APHA Annual Meeting, October 31-November 4, 2015 at Chicago, Ill. Session 4184.0: Environmental/Occupational Health and Nutrition Health Poster Session Tuesday, November 3, 2015: 12:30 PM-1:30 PM.
 130. ***Gibbs, S.G.** 2015. Biosafety and Infection Control for Ebola at the Nebraska Biocontainment Unit. Southern Biosafety Association Fall Symposium 2015, November 10, 2015 at El Paso, Texas. 9:00 AM-9:40 AM.
 131. ***Gibbs, S.G.** 2015. Risk Assessment for Ebola Laboratory Testing. Southern Biosafety Association Fall Symposium 2015, November 10, 2015 at El Paso, Texas. 10:35 AM-11:15 AM.
 132. ***Gibbs, S.G.** 2015. Ebola Virus Disease: Managing the Deceased. Southern Biosafety Association Fall Symposium 2015, November 10, 2015 at El Paso, Texas. 11:15 AM-12:00 PM.
 133. [†]Jelden, K.C., **Gibbs, S.G.**, Smith, P.W., Hewlett, A.L., Iwen, P.C., Schmid, K.K., Lowe, J.J. 2016. UV-Reflective Paint and Ultraviolet Germicidal Irradiation (UVGI) Improve Decontamination of Nosocomial Bacteria on Hospital Room Surfaces. American Industrial Hygiene Conference & Exposition (AIHce 2016), May 21-26, 2016 at Baltimore, Maryland, Session PS450: Wednesday, May 25, 10:00 AM-12:00 PM. **Awarded 2nd Best of Session by AIHce and was chosen as the best student poster by the AIHA Biosafety and Environmental Microbiology Committee for the H. Kenneth Dillon Memorial Award.**
 134. [†]Herstein, J.J., Biddinger, P.D., Kraft, C., Saiman, L., **Gibbs, S.G.**, [†]Jelden, K.C., [†]Le, A.B., Smith, P.W., Hewlett, A.L., Lowe, J.J. 2016. U.S. Ebola Treatment Center: An Inventory of Capabilities. American Industrial Hygiene Conference & Exposition (AIHce 2016), May 21-26, 2016 at Baltimore, Maryland, Session PS405: Wednesday, May 25, 10:00 AM-12:00 PM. **Awarded Best Volunteer Group Student Poster given by the Healthcare Working Group.**
 135. Hoboy, S., Brown, C., ***Gibbs, S.G.** 2016. Healthcare Waste Infectious Diseases Updates. Waste360 Healthcare Waste Conference. June 6-9, 2016 at Las Vegas, Nevada. Wednesday, June 8, 2016: 3:40-4:40 PM.
 136. [†]Jelden, K.C., Iwen, P.C., [†]Herstein, J.J., [†]Le, A.B., Biddinger, P.D., Kraft, C.S., Smith, P.W., Hewlett, A.L., **Gibbs, S.G.**, Lowe, J.J. 2016. Abstract 6663: Survey of Clinical Laboratory Capabilities to Support Regional and Jurisdictional Ebola and Other Special Pathogens Treatment Centers. American Society for Microbiology (ASM) Microbe 2016, June 16-20, 2016 at Boston, Massachusetts, Session: Global Health and Emerging Infections. Friday, June 17, 2016: 2:45-5:00 PM.
 137. ^{*}Torremorell, M., Rabinowitz, P., Bender, J.B., Choi, M., **Gibbs, S.G.**, Neira, V., Corzo, C., Lynfield, R. 2016. Detection and isolation of influenza A virus in swine environments. Options IX for the Control of Influenza August 24-28, 2016. Oral Abstract Session: Public Health, Sunday, August 28, 2016: 11:30-11:45 AM.
 138. Le, A.B.^{*}, **Gibbs, S.G.** 2016. "An Introduction to the Biosafety and Infectious Disease Training Initiative (BIDTI) National Institute of Environmental Health Sciences Worker Training Program." Session VII Preparedness. Indiana Public Health Association Annual Conference. Indianapolis, IN on September 15, 2016: 11:15AM-12:15PM.

139. *Gibbs, S.G. 2016. “Enhancing Partnerships for Delivery of Infectious Disease and Biosafety Training--Bringing IUB/Nebraska/Harvard/Texas Partnerships Together.” National Institute of Environmental Health Sciences Worker Training Program 2016 Infectious Disease Workshop--Let’s Get Viral! September 20-21, 2016, Research Triangle Park, NC on September 21, 2016: 9:15-10:15AM.
140. Le, A.B., Rios, J., Emery, R.J., Biddinger, P.D., Patlovich, S.J., Wright, B., Beam, E., **Gibbs, S.G.**, Lowe, J.J. , Abstract 368327: Biosafety and Infectious Disease Training Initiative (BIDTI), A National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP), including Emergency Health Services. 144th American Public Health Association (APHA) Annual Meeting, October 29-November 2, 2016 at Denver, CO. Session 0.0: Disaster Preparedness – 3, October 31: 2:30PM-3:30PM.
141. +*Jelden, K.C., Iwen, P.C., +Herstein, J.J., Le, A.B., Biddinger, P.D., Kraft, C., Hewlett, A.L., Smith, P.W., **Gibbs, S.G.**, Lowe, J.J. 2016. Abstract 350413: Survey of clinical laboratory capabilities to support US Regional Ebola and Other Special Pathogen Treatment Centers. 144th APHA Annual Meeting, October 29-November 2, 2016 at Denver, CO. Session 4289.0: Student Project Roundtable #2, November 1, 2016: 2:30 PM-4:00 PM.
142. Le, A.B., Herstein, J.J., Jelden, K.C., **Gibbs, S.G.**, Lowe, J.J. Abstract 352146: Levels of experience and perceptions of preparedness to work with highly infectious remains in the US death sector. 144th American Public Health Association (APHA) Annual Meeting, October 29-November 2, 2016 at Denver, CO. Session 4363.0: Workers Compensation, Data Analysis, and Surveillance-OHS Student and New Researcher Poster Competition scheduled for Tuesday, November 1, 2016: 10:30AM-11:30AM.
143. +Herstein, J.J., +Jelden, K.C., Le, A.B., Biddinger, P.D., Kraft, C., **Gibbs, S.G.**, Smith, P.W., Hewlett, A.L., Lowe, J.J. 2016. Abstract 354011: Sustainability of U.S. Ebola Treatment Centers. 144th APHA Annual Meeting, October 29-November 2, 2016 at Denver, CO. Session 5005.0: Health Administration/Maternal & Child Health Student Posters, November 2, 2016: 8:30 AM-9:30 AM.

COURSES TAUGHT

Graduate Courses

- 2014 Fall, HPRO 830 Foundations of Public Health (Sole Instructor), University of Nebraska Medical Center, College of Public Health, 33 Students
- 2014 Summer, HPRO 830 Foundations of Public Health (Sole Instructor), University of Nebraska Medical Center, College of Public Health, 19 Students
- 2013 Fall, HPRO 830 Foundations of Public Health (Lead Instructor 1 of 2), University of Nebraska Medical Center, College of Public Health, 37 Students
- 2013 Summer, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students*), University of Nebraska Medical Center, College of Public Health, 23 Students
- 2012 Fall, HPRO 830 Foundations of Public Health (Sole Instructor), University of Nebraska Medical Center, College of Public Health, 30 Students
- 2012 Summer, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students*), University of Nebraska Medical Center, College of Public Health, 20 Students
- 2011 Fall, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students*), University of Nebraska Medical Center, College of Public Health, 45 Students

2011 Summer, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students*), University of Nebraska Medical Center, College of Public Health, 18 Students

2010 Fall, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students in Lincoln, NE and Kearney, NE*), University of Nebraska Medical Center, College of Public Health, 36 Students

2010 Spring, ENV 810 Principles of Occupational and Environmental Health (Co-Instructor 1 of 2), University of Nebraska Medical Center, College of Public Health, 5 Students

2009 Fall, HPRO 830 Foundations of Public Health (Sole Instructor), (*Taught live in Omaha and via ITV to students in Lincoln, NE and Kearney, NE*), University of Nebraska Medical Center, College of Public Health, 31 Students

2009 Fall, ENV 816 Environmental Exposure Assessment (Co-Instructor 1 of 2), (*Taught live in Omaha and via ITV to students in Lincoln, NE*), University of Nebraska Medical Center College of Public Health, 3 Students

2009 Fall, ENV 892 Foundations of Environmental Health (Co-Instructor 1 of 2), (*Taught live in Omaha and via ITV to students in Lincoln, NE and Kearney, NE*), University of Nebraska Medical Center, College of Public Health, 30 Students

2008 Spring, PHEP 2720 Epidemiology Proposal Development (Co-Instructor 1 of 8), (*Taught online*), University of Texas Health Sciences Center at Houston, School of Public Health, 2008; 10 Students

2008 Spring, PH 2498 Site Visits in Environmental Health (Lead Instructor 1 of 3), (*Taught live in El Paso and via ITV to students Dallas*), University of Texas Health Sciences Center at Houston, School of Public Health, 10 Students

2008 Spring, PH 2110 Overview of Environmental Health (Lead Instructor 1 of 2), (*Taught live in El Paso and via ITV to students in Houston and Dallas*), University of Texas Health Sciences Center at Houston, School of Public Health, 50 Students

2007 Summer, PHEP 2720 Epidemiology Proposal Development (Co-Instructor 1 of 8), University of Texas Health Sciences Center at Houston, School of Public Health, 15 Students

2007 Spring, PH 2110 Overview of Environmental Health (Co-Instructor 1 of 2), (*Taught live in El Paso and via ITV to students in Houston and Dallas*), University of Texas Health Sciences Center at Houston, School of Public Health, 34 Students

2006 Summer, PHEP 2720 Epidemiology Proposal Development (Co-Instructor 1 of 9), University of Texas Health Sciences Center at Houston, School of Public Health, 9 Students

2006 Spring, PHEP 2498 Public Health Seminar—El Paso (Sole Instructor), University of Texas Health Sciences Center at Houston, School of Public Health, 8 Students

2006 Spring, PH 2110 Overview of Environmental Health (Lead Instructor 1 of 2), (*Taught live in El Paso and via ITV to students in Houston and Brownsville*), University of Texas Health Sciences Center at Houston, School of Public Health, 37 Students

2005 Fall, PHEP 2498 Public Health Seminar—El Paso (Sole Instructor), University of Texas Health Sciences Center at Houston, School of Public Health, 8 Students

2005 Summer, PHEP 2720 Epidemiology Proposal Development (Co-Instructor 1 of 11), University of Texas Health Sciences Center at Houston, School of Public Health, 6 Students

2005 Spring, PH 2110 Overview of Environmental Health (Co-Instructor 1 of 2), (*Taught live in El Paso and via ITV to students in Houston and Brownsville*), University of Texas Health Sciences Center at Houston, School of Public Health, 40 Students

2004 Spring, PH 2110 Overview of Environmental Health (Sole Instructor), University of Texas Health Sciences Center at Houston School of Public Health, 14 Students

2002 Spring, BIO 613 Biological Problems in Water Pollution (Sole Instructor), Wright State University, 2 Students

Undergraduate

2002 Fall, BIO 101 General Biology Part I (Sole Instructor), Cincinnati College of Mortuary Science, 10 Students

2002 Fall, BIOL 171 Introductory Human Biology Part I (Sole Instructor), University of Cincinnati, 56 Students

2002 Spring, BIO 102 General Biology Part II (Sole Instructor), Cincinnati College of Mortuary Science, 11 Students

2002 Spring, BIOL 172 Introductory Human Biology Part II (Sole Instructor), University of Cincinnati, 21 Students

2002 Spring, BIO 413 Biological Problems of Water Pollution (Sole Instructor), Wright State University, 12 Students

2001 Fall, BIO 101 General Biology Part I (Sole Instructor), Cincinnati College of Mortuary Science, 13 Students

2001 Spring, BIO 401 Biological Problems of Water Pollution—Cross listed as EH 401 The Aquatic Environment (Sole Instructor), Wright State University, 13 Students